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Canada
1897

BRUCE'S Catalogue of SEEDS

FOR 1897

U.S. Department of Agriculture
Washington, D. C.

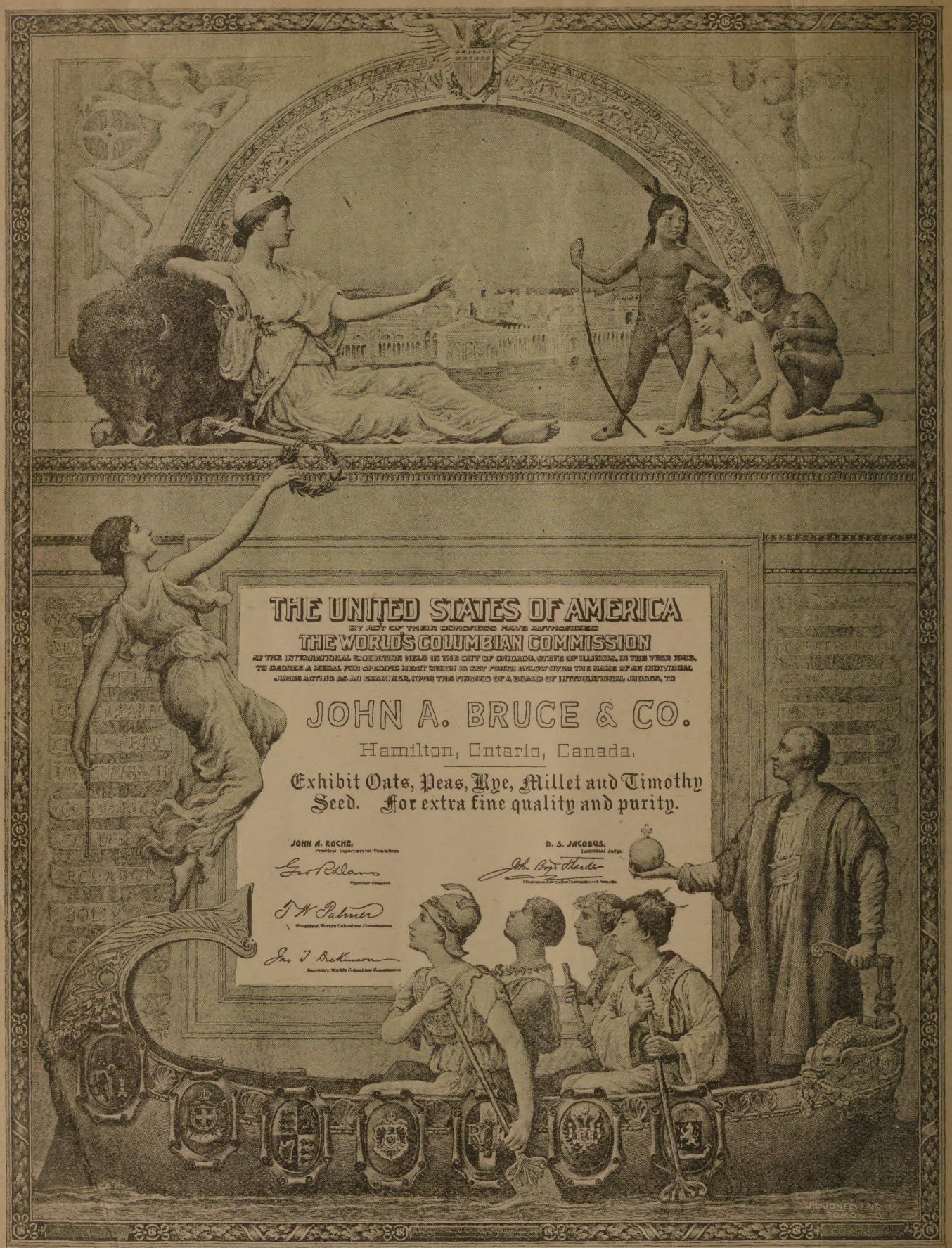
Bruce's Royal Nosegay of Sweet Peas
10 Varieties 25¢

JOHN A. BRUCE & Co. SEED MERCHANTS

HAMILTON, CANADA.

HOWELL LITH. CO. HAMILTON ONT.

World's Fair Diploma awarded us at the Exposition held in Chicago, 1893.



NEW TOMATO—DOMINION DAY.

FROM FIVE TO TEN DAYS EARLIER THAN ANY OTHER VARIETY.

This fine new Tomato combines with its extreme earliness, large size, magnificent color (a bright red), and delicious flavor. It is not liable to crack; is very free from core; is almost smooth and is a good yielder. Its great qualification, extreme earliness, makes it a very valuable variety, and we should recommend a trial of it. Per pkt., 10c; oz., 50c.

☞ FOR ALPHABETICAL INDEX SEE LAST PAGE. ☜

SEEDS.

JOHN A. BRUCE & CO.,

SEED MERCHANTS,

Hamilton, Ontario.

ORDER SHEET FOR BRUCE'S SEEDS, ETC.

See page 1 of Catalogue for Full Instructions to Purchasers.

JOHN A. BRUCE & CO., HAMILTON, ONT.

FORWARD TO

Name.....

Post Office.....

Express Office.....

Province.....

AMOUNT ENCLOSED:

P. O. Order, - $.....

Draft, - - - $.....

Cash, - - $.....

Stamps, - - $.....

Total, - $.....

Date,.....

No. of Pkgs.....

Sent by.....

Date.....

Put up by.....

Postage.....

Please write NAME and ADDRESS distinctly and in full.

Conditions of Sale.—John A. Bruce & Co. take every precaution to supply reliable Seeds, but give no warranty, express or implied, as to description, quality, growth, productiveness, or any other matter of any Seeds they send out, and they wish it to be distinctly understood that they will not be in any way liable for any loss arising from any failure thereof, or responsible in any way for the crop. All goods bought from them must be accepted on these conditions.

All Seeds forwarded by mail are sent free of charge at Catalogue prices, excepting **Beans, Corn, Peas, Sugar Beets, Field Carrots, Mangels, Rape, Field Turnips, Clovers, Grass and Bird Seeds;** when such are to be mailed, postage must be added at the rate of **4** cents per pound or pint within the Dominion of Canada, or **8** cents per pound or pint to the United States.

Quart.	Pint.	Pound.	Ounce.	Packet.	NAME OF SEEDS WANTED.	Price.

Quart.	Pint.	Pound.	Ounce.	Packet.	NAME OF SEEDS WANTED.	Price.

JOHN A. BRUCE & CO.,

EXPORTERS OF CLOVERS AND GRASS SEEDS,

SEED GROWERS AND MERCHANTS.

HAMILTON, CANADA, 1st January, 1897.

IN presenting the FORTY-SIXTH ANNUAL EDITION of our ILLUSTRATED CATALOGUE OF SEEDS FOR THE FARM, VEGETABLE AND FLOWER GARDEN, GREENHOUSE AND FOREST, of Garden Implements and Agricultural and Horticultural Sundries for 1897, we again appeal with confidence to those who have patronized us so liberally in the past for a continuance of their favors, which have come to us with such gratifying regularity since the establishment of this business, forty-seven years ago; and we also avail ourselves of this opportunity to solicit from others whom we have not hitherto had the privilege of serving, a share of their patronage.

Our Catalogue contains nearly everything of value to those engaged in Agricultural and Horticultural pursuits. New introductions of Flowers, Vegetables and Field Roots are annually offered to the public, often with descriptive matter differing widely from the reality, and usually outlined by illustrations of an extravagant character; we have endeavored in our publications, as far as possible, to protect the Vegetable Kingdom from such caricatures. We invariably make ourselves acquainted with the value of what are termed Novelties before offering them, and when this cannot be done, we give the raiser's description only; we make this reference in the interest of those who have not been using our seeds, and who may infer from the modest illustrations that the product must necessarily be of the same dimensions. One trial will remove any misapprehension of this nature, and prove that in quality our stocks of Seeds for the Farm, the Garden and Greenhouse will compare favorably with the best offered.

The seed harvest of 1896 has given fairly satisfactory returns of almost every crop that the Farmer and Gardener is interested in; and a comparison of our prices with those of previous years will show unmistakeable evidence of the fact, that the cheapness prevailing in every product of the Farm and Garden finds its counterpart in the condition of the Seed trade to-day. The Canadian Seedsman is suffering from the effects of over-production in the United States, with its attendant evil, an accumulation of old Seeds; besides this there are the remains of large Bankrupt Stocks, which, having little commercial value are being offered for whatever they will bring. The questionable economy of buying Seeds with such a pedigree is receiving attention where this evil is prevalent, and the American Seedsman is issuing this note of warning, that he cannot compete with the so-called *Cheap Seeds* which this season are offered so freely. To meet competition from this source we have reduced prices below the level of previous years, but we cannot undertake to sell such stocks as we use in our trade, possessing a reasonable assurance of good germination and purity, in competition with seeds having no practical value.

SUGGESTIONS TO CUSTOMERS.

Owing to the extended nature of our business connections, and the heavy expense incurred in collecting accounts, we conduct our business on CASH PRINCIPLES; therefore, orders to receive prompt attention must be accompanied by a remittance of the amount. Remittances can be made in current Bank Bills, Post Office Orders, Express Orders or by Draft, and for amounts under one dollar in Postage Stamps. Post Office Orders are preferable to all others, as there is no possibility of loss, but when these cannot be obtained, Registered Letters are sure to reach their destination. The cost of Post Office Order, Express Order, Draft, or Registering the letter, may be deducted from the remittance on orders amounting to two dollars and upwards. As the Seed season continues only for a few months in the year, there is, of course, a great pressure of business when sowing commences. Except in cases of extreme urgency, all orders will be executed in rotation as received. We will therefore feel greatly obliged if our customers will kindly forward their orders as soon as possible after the receipt of this Catalogue; and please remember to give your **Name, Post Office Address and Province, in full.** We are frequently in receipt of orders deficient in some of these important requisites, often causing a delay of weeks in their execution, greatly to the inconvenience of the sender as well as our own.

FREIGHT RATES AND MAILING CONDITIONS.

For the information and convenience of our customers in Manitoba, the North-west Territories and British Columbia, we give below the present rates from Hamilton to the various points named. The rates between any two points will be proportioned according to distance. As these rates are subject to change, we cannot guarantee them.

FREIGHT RATES FROM HAMILTON—Per 100 Lbs.

	On Barley, Oats, Buckwheat, Peas and Wheat.		*On Clover, Timothy, Hungarian, Millet, Red Top, and other Grass Seeds.*	
To—	All Rail.	Lake and Rail.	All Rail.	Lake and Rail.
Port Arthur	$0 64	$0 31	$0 88½	$0 38
Winnipeg	0 96	0 87	1 22½	1 03
Brandon	1 17	1 08	1 53½	1 34
Regina	1 39	1 30	1 88½	1 69
Calgary	1 73	1 64	2 35½	2 16
Prince Albert	1 78	1 69	2 39½	2 20
Edmonton	2 06	1 79	2 80½	2 61
Vancouver, B. C.	2 20	2 20	2 25	2 25
Victoria, B. C.	2 20	2 20	2 25	2 25

Our postal arrangements enable us to forward Seeds, Bulbs and Plants not exceeding five pounds weight to any Post Office in the Provinces of Ontario, Quebec, New Brunswick, Nova Scotia, Prince Edward Island, Manitoba, the North-west Territories and British Columbia, at the rate of four cents per pound, and our careful system of packing will carry them with safety to the most distant point, giving purchasers in the remotest districts the opportunity of procuring reliable Seeds when far removed from the source of supply.

Catalogues mailed to any address on application.

Sincerely thanking you for past favors, and soliciting a continuance of the same, with your kind recommendations,

We are your obedient servants,

JOHN A. BRUCE & CO.

BRUCE'S SELECTED VEGETABLE SEEDS

FOR 1897

CONDITIONS OF SALE—John A. Bruce & Co. take every precaution to supply reliable seeds, but give no warranty, express or implied, as to description, quality, growth, productiveness, or any other matter of any Seeds they send out, and they wish it to be distinctly understood that they will not be in any way liable for any loss arising from any failure thereof, or responsible in any way for the crop. All goods bought from them must be accepted on these conditions.

SEEDS BY MAIL.—All Seeds forwarded by mail are sent free of charge at Catalogue Prices, except Beans, Corn, Peas, Sugar Beets, Field Carrots, Mangels, Rape, Field Turnips, Clover, Grass and Bird Seeds; when such are to be mailed, postage must be added at the rate of 4 cents per pound or pint within the Dominion of Canada, or 8 cents per pound or pint to the United States.

ARTICHOKE. *Artischaut*, Fr. *Artischoke*, Gr.

Sow in April or May, in drills two inches deep; thin the plants to four inches, and when strong, transplant in deep, rich soil, two feet apart each way; keep the earth loose about them in summer, and cover during the winter with dry litter, or leaves for protection.

Green Globe.....Per pkt. 5c. Per oz, 40c

Jerusalem Artichoke. Cultivate like potatoes, but plant in rows not less than three feet apart. They are enormously productive, and are valuable alike as a table vegetable as well as for feeding stock. Per bushel, $1.50 Per peck 50c. Five pound package by mail (postage paid) for 75c.

ASPARAGUS. *Asperge*, Fr. *Spargel*, Gr.

(One ounce will sow a row of thirty feet).

Sow early in spring in drills one foot apart. To secure strong, healthy plants thin out the seedlings to three or four inches in the rows. The one-year-old plants should be set out in spring, in a rich, sandy loam, dug eighteen inches deep, into which has been worked plenty of well-rotted manure. Plant in rows fifteen inches apart, and twelve inches apart in the rows. Spread out the roots all round, and carefully shake the soil in amongst the roots and cover to a depth of four inches. Before winter sets in cover the beds with six inches of manure, and in the spring give a top dressing of salt. Every fall a good dressing of coarse manure should be applied, after the tops have been cut, and in spring forked in. Never cut too closely, as the roots need the benefit of some foliage during the year.

Conover's Colossal, or Early Purple Argenteuil. Large and productive, cultivated extensively for the Paris and other continental markets. Highly recommended. Per pkt. 5c.; per oz. 10c.; per 2 oz. 15c; per ¼ lb. 20c.; per lb. 50c.

Late Purple Giant Argenteuil. Similar to preceding, but later. Per pkt. 5c.; per oz. 10c.; per 2 oz. 15c.; per ¼lb. 30c; per lb. $1.00.

Palmetto. An early variety of large size, very productive and fine quality. Per pkt. 5c.; per oz. 10c.; per 2 oz. 15c.; per ¼lb. 25c.; per lb. 75c.

ASPARAGUS ROOTS.

Giant Conover's Colossal, or Early Purple Argenteuil. Two year old roots, per 100..... $1 00

Palmetto. An early extra large variety, per 100..... 1 50

Special price per 1,000. If to be sent by mail, add 40c. per 100 to the price.

BEANS—Dwarf or Bush.

Haricot, Fr. *Bushbone*, Gr.

Flageolet Golden Wax Bean.

One pint will plant a row of fifty feet. The Dwarf or Bush varieties should be planted in rows, two and a half feet apart, and two or three inches in the row. They are very sensitive to frost or cold, and should not be planted before the second week in May. Hoe often, and keep the ground mellow and draw the earth up to the plants. Plant the Pole, or running varieties, in hills three feet apart, and in the hills place poles from six to eight feet high.

BEANS—Dwarf or Bush—*Continued.*

DWARF YELLOW PODDED SORTS.

Early Valentine Wax Bean.

	Pint.	Qt.	Peck
Valentine Wax Bean. Extra early. The pods are round, stringless and of the finest quality It is remarkably free from rust and remains a long time without becoming tough. Combined with these valuable features of extreme earliness and excellence of quality is its enormous productiveness; in this respect also, it excels any Bean in cultivation....	10	20	$1 25
Keeney's Rustless Golden Wax. Combines hardiness and productiveness with fine quality	20	40	2 00
Golden Wax. An extra early variety, with stringless pods, tender and delicious.....	10	20	1 00
Flageolet Golden Wax. This variety produces larger and longer pods than any other of the Yellow Podded sorts. It is very productive, and for market purposes cannot be excelled.....	10	20	1 25
Black Wax or Butter. Pods transparent, waxy yellow, thick and very tender.....	10	20	1 00
Wardwell's Kidney Wax. Extra early, pods long and flat, remarkably free from rust.....	10	20	1 00
White Wax or Butter. Similar to the Black Wax, except in color which is pure white.....	10	20	1 25
Crystal White Wax. Pod long and slender; excellent for canning.....	10	20	1 25
Detroit Wax. The hardiest and least liable to rust of all the butter beans, very productive.....	10	20	1 00

DWARF GREEN PODDED VARIETIES.

	Pint.	Qt.	Peck
Valentine. Early, productive, tender, succulent and of excellent flavor.....	10	20	$1 00
China. Very early and of fine quality.....	10	20	1 00
Yellow Six Weeks. Early and prolific, good for general crop.....	10	20	1 00
Mohawk. One of the hardiest and most productive.....	10	20	1 00
Refugee or One Thousand to One. Great bearer though not early; best for pickling.....	10	20	1 00

DWARF WHITE BEANS.

	Per pkt.	Per pint
Burpee's Bush Lima. An immense yielder; each bush bearing from fifty to two hundred pods, filled with beans which are identical in size and luscious flavor to the well-known large pole Limas.....	5	20
Bush Lima (Henderson's). Dwarf and productive.....	5	20
Large White Kidney. Excellent as a shell bean. Per pint, 10c.; per quart, 20c.; per peck, $1 00.		

FOR WHITE FIELD VARIETIES, SEE AGRICULTURAL SEEDS.

ENGLISH DWARF BEANS. *Feve de Marais*, Fr. *Grose Bohne*, Gr.

The English Beans are very hardy, and should be planted as soon as possible after the ground is open; plant in drills two and a half feet apart, and three inches in the drills; when they are in full bloom and the lower pod set, pinch off the tops this will ensure the filling of the pods, and hasten maturity. A strong, heavy soil suits them best.

Taylor's Broad Windsor. The largest and best of the class for general use. Per pint, 20c.; per quart, 40c.

POLE OR RUNNING. *Haricot a Rames*, Fr. *Stangen Bohne*, Gr.

One pint will plant about seventy-five hills.

	Per pint.	Per qt.
Dutch White Caseknife. Very productive and fine flavor.....	15	30
Large Lima. The best of all the pole beans; plant when the ground is dry and warm.....	15	30
Scarlet Runners. Very prolific, mostly grown as an ornamental plant.....	15	30
Giant Wax. (Red seed). An extra early variety, with stringless pods.....	30	60
Black Wax or Butter. An excellent variety, with tender succulent pods.....	15	30
Asparagus or Yard Long. Pods tender and sweet. Per pkt., 10c.; per pint, 50c.		

BROCOLI. *Brocoli*, Fr. *Spragel Kohl*, Gr.

Sow end of April in the open ground, then transplant about two feet apart in deep rich ground. They produce heads similar to Cauliflower. When they begin to flower break the large leaves over the head to protect them from the sun.

	Pkt.	Oz.	2 Oz.	¼ lb.
Early Purple Cape. One of the hardiest, and sure to head.....	10	20	40	75
Walcheren. A valuable sort, with large white heads.....	10	50	85	$1 50

BEETS. *Betterave*, Fr. *Runkle Ruben*, Gr.

One ounce will sow a row of 40 feet; 5 lbs. for an acre.

Beets require a deep, mellow soil; may be sown from early spring to commencement of summer. The winter crop, to be tender, should not be sown too early. Sow in drills eighteen inches apart, and thin out the plants gradually to six inches from each other. Keep the soil well stirred throughout the season.

BEETS.—*Continued.*

Edmands. Eclipse. Dewings. Egyptian.

ROUND VARIETIES.

	Pkt.	Oz.	2 Oz.	¼ lb.	Lb.
Egyptian Dark Red Turnip. A standard extra early variety; very deep red, tender, and fine flavor. The best for early market	5	10	15	25	60
Crosby's Egyptian Beet. A selection from the Early Egyptian, which, while it retains its earliness has added thickness, giving it a more desirable shape; it is the deepest red, almost black in color, and is of fine quality, sweet and tender	5	10	15	25	75
Eclipse. An extra early turnip-shaped variety, remarkable for its rapid growth. The roots grow smooth, round shape; intense red skin, flesh very fine grain and sweet	5	10	15	20	50
Edmand's Early. One of the most uniform, with small tops of bronze red. The bulbs are handsome and round, smooth and of good marketable size, fine quality, exceedingly sweet and tender. Skin and flesh dark blood red	5	10	15	25	60
Dewing's Improved Blood Turnip. Roots deep blood red and of fine form and flavor	5	10	15	25	60
Early Blood Turnip. Very tender, and good for early and late use	5	10	15	20	50
Surprise. An early sort, the flesh being fine grained, tender and sweet, light color	5	10	15	25	75
The Lentz. A fine early variety of excellent quality; good keeper	5	10	15	25	60
Early Bassano. Very early, tender and juicy, light color	5	10	15	20	50

LONG VARIETIES FOR WINTER USE.

	Pkt.	Oz.	2 Oz.	¼ lb.	Lb.
Bruce's Long Dark Blood. Grows to a good size, half out of the ground, and with few or no side shoots; color dark red; good keeper	5	10	15	25	60
Non Plus Ultra. Roots medium size, dark blood color with deep crimson leaves, which have a metallic lustre	5	10	20	35	1 25
Dell's Improved Black-leaved. A fine dark foliaged variety, the best for flower garden decorations; color deep purple	5	25	40	75	2 00
Beck's Improved Sea Kale or Swiss Chard. The leaf stocks, which are served up like sea kale, are by many considered as quite equal to that favorite esculent	5	10	20	30	1 00

FOR WHITE SUGAR BEETS SEE AGRICULTURAL SEEDS.

BORECOLE or KALE. *Choux Vert*, Fr. *Grune Kohl*, Gr.

Sow early in spring; cultivate same as cabbage. They supply a stock of excellent greens for spring and fall use.

	Pkt.	Oz.	2 Oz.	¼ lb.
Green Curled Scotch. Very hardy, and is improved by a moderate frost	5	15	25	40
Dwarf German. A dwarf variety; leaves yellowish green and finely frilled	5	15	25	40

BRUSSELS SPROUTS. *Chou de Bruxelles*, Fr. *Kopf Kohl*, Gr.

Sow seed in May, transplant and cultivate same as Cabbage. They grow from two to three feet high, and produce little heads from the axles of each leaf. They are very tender when touched by frost.

	Pkt.	Oz.	2 Oz.	¼ lb.
Improved Dwarf. Extra fine	5	20	35	60

CABBAGE. *Chou Pomme*, Fr. *Kohl*, Gr.

One ounce will sow a bed four feet by ten and furnish about 2,000 plants.

Sow the early varieties in hot beds or frames, from February to April for early crops, and in the open ground as soon as the soil is in working order. For Fall and Winter Cabbage, sow the seeds in beds in the open ground at the end of April or early in May, and transplant into well manured ground. Early varieties should be planted in rows two feet apart, and fifteen inches in the rows; late varieties, two and a half feet each way. The ground must be well worked to produce good heads. Hoe often and draw the earth around the plant.

To destroy the green worm that is so destructive to the leaves and heads of Cabbage and Cauliflower, use Hammond's Slug Shot; it is fatal to insect life in every form in which they are injurious to vegetation.

CABBAGE—*Continued.*

Selected Jersey Wakefield.

Express. Extra early, excels in earliness all others; it has the shape and appearance of Early Etampes, but is smaller, and eight to ten days earlier; has but a few outside leaves and therefore may be planted very close and yield large crops; for forcing can hardly be surpassed. Per pkt. 5c., oz. 20 ., 2 oz. 30c., ¼ lb. 50c., lb. $1.50.

Early Etampes. A fine extra early, ox heart shape, and of excellent quality. Per pkt. 5c, oz. 15c., 2 oz. 25c., ¼ lb. 40c., lb. $1.50

Selected Early Jersey Wakefield. To most growers the merits and characteristics of this variety are well-known. To those who may not be familiar with it, we would say that it is justly considered by market gardeners as one of the best and most reliable early cabbages in cultivation. The seed we offer is unequalled in quality. Per pkt. 5c., oz. 20c., 2 oz 35c., ¼ lb. 60c., lb. $2.00.

Henderson's Early Summer. About ten days later than the Wakefield, but fully double the size of that well-known variety, is offered as one of the best large early cabbage. Per pkt. 5c., oz. 15c., 2 oz. 25c., ¼ lb. 40c., lb. $1.50.

Burpee's Surehead. A large and sure-heading main crop cabbage, a splendid keeper and shipper. Per pkt. 5c., oz. 15c., 2 oz. 25c., ¼ lb. 40c., lb, $1.50.

Burpee's All Head. The raiser says: "The epitome of our claims for the All Head Cabbage is earliness, large size, great productiveness, good quality, and its adaptation to the market gardeners' necessity for an all-the-year-round Cabbage. Per pkt. 5c., oz. 15c., 2 oz. 25c., ¼ lb. 40c., lb. $1.50.

Early Winningstadt. A standard variety for general use; heads large and remarkably solid; keeps well in hot or cold weather; quality first-rate. Per pkt. 5c., oz. 15c., 2 oz. 25c. ¼ lb. 40c., lb. $1.50.

Burpee's All Head Early.

CABBAGE PLANTS—Well-known Hamilton Beach grown stocks. Special prices on application.

Henderson's Early Summer.

All Seasons or Vandergaw. A variety that has justly become very popular, and we recommend it to market gardeners and others. The heads are of large size, round, flattened at the top, and are ready to market nearly as early as Henderson's Summer, while they are hard and solid, and keep well during winter if planted late. Per pkt. 5c., oz. 15c., 2 oz 25c., ¼ lb. 40c., lb. $1.50.

The Lupton. This fine second early Cabbage, named after the well-known Long Island grower, though similar in appearance to "All Seasons," is in many respects superior to that popular variety. Per pkt. 5c., oz. 25c., 2 oz. 40c., ¼ lb 60c., lb. $2.00.

Nonsuch. Claimed to be the best second early or *all seasons* variety yet introduced, of the Flat Dutch type, solid and of the finest quality; it will produce the largest heads in the shortest time of any cabbage grown. Per pkt 5c., oz. 25 ., 2 oz. 40c., ¼ lb. 60c., lb. $2 00.

St. Denis Drumhead. A favorite winter variety, heads large and very solid. Per pkt, 5c., oz. 15c., 2 oz. 25c., ¼ lb. 40c., lb. $1.50.

Autumn King or World Beater. Heads very large broad, thick and solid; stalks short; foliage dark green with slight reddish tinge A splendid keeper and one of the best Mammoth Cabbages in existence Per pkt. 5c, oz. 15c. 2 oz. 25c., ¼ lb. 40c., lb. $1.50.

Premium Flat Dutch. A popular variety, tender, and of superior quality. Per pkt. 5c., oz. 15c., 2 oz. 25c., ¼ lb. 40c. lb., $1.50.

Fottler's Improved Short Stemmed Brunswick. This for a fall or winter cabbage, is without a rival. The heads are large and solid, often weighing from 20 to 30 pounds; it is a sure header, splendid keeper, and of excellent quality. The most profitable variety to grow. Per pkt. 5c., oz. 15c., 2 oz. 25c., ¼ lb. 40c., lb. $1.50.

Fottler's Brunswick.

CABBAGE—*Continued.*

Bruce's Winter Cabbage.

Bruce's Winter. This is a new and distinct extra large and hardy variety; it produces enormous solid heads, attaining often twenty inches in diameter and weighing twenty to thirty pounds. It is very short stemmed, the head almost resting on the ground; is most productive. We strongly recommend a trial of it by market gardeners and other large growers. Per pkt. 10c, ½ oz. 20c., 1 oz. 35c., 2 oz. 60c., ¼ lb. $1.00.

Marblehead Mammoth Drumhead. Heads have been exhibited which weighed from 40 to 60 pounds each Per pkt. 5c., oz 15c., 2 oz. 25c., ¼lb. 40c., lb $1.50.

Filderkraut. Conical shaped heads, with very few side leaves. This variety is largely used in Germany in the manufacture of "Kraut." Per pkt. 5c., oz. 20c., 2 oz. 30c., ¼ lb. 50c., lb. $1.50.

SAVOY CABBAGE.

Large German Drumhead. Our stock of this favorite winter variety is unsurpassed for purity, and never fails to produce large, solid heads. Per pkt. 5c., oz. 15c., 2 oz. 25c., ¼ lb. 40c., lb. $1.50.

Green Globe Savoy. Heads small but tender, and of fine quality. Per pkt. 5c., oz. 15c., 2 oz. 25c., ¼ lb. 40c., lb. $1.50.

RED CABBAGE.

Large Red Drumhead. Produces very large, solid heads, of fine, deep purple color; the best of the class. Per pkt. 5c, oz. 20c, 2 oz. 35c., ¼ lb. 60c., lb. $2.00.

Red Dutch. A favorite sort for pickling; heads not so large as preceding. Per pkt. 5c., oz. 20c., 2 oz. 35c., ¼ lb. 60c., lb. $2.00.

Drumhead Savoy.

CAULIFLOWER. *Chou Fleur*, Fr. *Blumen Kohl*, Gr.

One ounce will furnish about 1,000 plants.

Considerable care is necessary to keep up a supply of Cauliflowers from July to the end of the year, For early crops sow the seed in a gentle hot-bed about the middle of March, and for late crops sow in the open ground in May and June, and transplant like winter cabbage into rows two and a half feet apart, and two feet between each plant. A deep, rich loam is the best to produce satisfactory crops of this favorite vegetable. In dry weather water frequently with liquid manure, and as they advance in growth hoe deep, and draw the earth to the stems; as they begin to head, water frequently, and keep the soil open by deep hoeings, and break the large leaves over the flower to protect it from the sun and rain. On the approach of frost, the plants which have not headed may be planted out in a cellar, where they can be aired in mild weather, when they will form fine heads.

Early Snowball Cauliflower.

Early Snowball. A well-known extra early variety, heads pure white, large, solid and of extra quality; a sure header. Per pkt. 25c., ½ oz. $1.50, oz. $2.75, 2 oz. $5.00, ¼ lb. $9.00.

Extra Early Paris. Heads medium size. Per pkt. 10c., ½ oz. 60c., oz. $1.00, 2 oz. $1.75, ¼ lb. $3.00.

Half Early Paris, or Demi Dur. A fine variety. Per pkt 10c., ½ oz. 60c., oz. $1.00, 2 oz. $1.75, ¼ lb. $3 00

Le Normand's Short Stemmed. A variety producing large white compact heads, from nine to twelve inches in diameter. Per pkt. 10c., ½ oz. 60c., oz. $1.00, 2 oz. $1.75, ¼ lb. $3 00.

CAULIFLOWER—*Continued.*

Bruce's Selected Early Dwarf Erfurt.

(Reproduced from a Photograph.)

MR. H. S. HURD, Halton Nurseries, Burlington, one of the largest growers of Cauliflower in Canada, writes us: "Your selected stock of Erfurt Cauliflower which I have been purchasing of you for a number of years, has been of such a desirable strain that I shall wish you to reserve me some for next spring's sowing; in spite of the unfavorable climatic conditions I have a heavy crop of unusually compact white heads.

Bruce's Selected Early Dwarf Erfurt. It is now nineteen years since we first introduced this famous strain of Erfurt Cauliflower, and year after year it has become more popular, until leading market gardeners in nearly every section of the Dominion now grow it entirely having discarded all the older varieties, as they find our strain of Erfurt to be the sure heading and altogether the most profitable sort for market purposes. On account of its dwarf and compact habit, the plants may be set out twenty to twenty-two inches each way, so that from twelve to fourteen thousand can be planted on an acre. For pickling it is the standard variety; the compact and solid texture of the snow-white heads, combined with delicious flavor, surpasses all other sorts. We obtain our supply of seeds direct from the growers, with whom we have a standing contract to deliver a stated quantity for each season, and knowing the scrupulous care exercised in the selection of only the purest and finest heads for seed purposes, have no hesitation in stating that for quality it is not surpassed by any other variety, no matter under what name it may be offered. Per pkt. 25c., ½ oz. $1.50, 1 oz. $2.75, 2 oz. $5, ¼ lb. $9.

	Pkt.	½ Oz.	Oz.	2 oz.	¼ lb.
Autumn Giant. A valuable variety and perfectly distinct from any other sort. The heads are pearly white, large, firm and compact	10	35	60	$1 00	$2 00
The Autumn King. In appearance it has some of the characteristics of the Autumn Giant, but it is dwarfer, earlier, and the heads are of an immense size, solid and as white as snow	10	40	80	1 50	
Large Walcheren. A very large variety; sure header	10	30	50	85	1 50

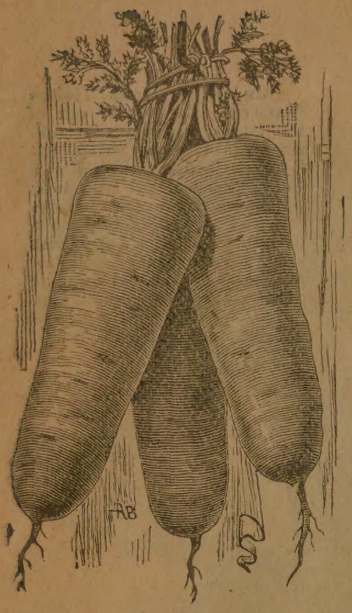
CARROTS. *Carrote*, Fr. *Mohen*, Gr.

One ounce will sow a row of 100 feet; three to four pounds for one acre.

The Carrot is an important root for the farm or garden, and deserves extensive cultivation. It succeeds best in a light sandy loam, richly manured and deeply dug. For early crops sow in rows eighteen inches apart, and thin out to six inches in the row. Hoe often between the rows and keep clear of weeds.

Guerande Half-Long.

	Pkt.	Oz.	2 Oz.	¼ lb.	lb.
Early Scarlet French Horn. Stump rooted, color deep scarlet, and fine flavor	5	10	15	25	80
Early Guerande Half-Long. Stump rooted, intermediate as to length between the French Horn and S. Nantes, but much thicker, attaining at the neck from 3 to 4 inches in diameter. Highly recommended	5	10	15	25	80
Danver's Half-Long. A handsome stump rooted Carrot, of rich dark orange color, it grows to a large size, is smooth and the flesh very close in texture, with little core	5	10	15	25	80
Chantenay Half-Long Scarlet. Stump rooted; an excellent variety	5	10	15	25	80
Early Half-Long Scarlet Nantes. A large stump rooted variety; superior for table use	5	10	15	25	80



Chantenay Carrot.

CARROTS—*Continued.*

	Pkt.	Oz.	2 Oz.	¼ lb.	Lb.
St. Valery. A fine selection of the *Intermediate* type, but earlier and far superior in quality and shape; beautifully formed roots with very small core	5	10	15	25	80
French Intermediate. A superior half-long pointed variety; good for garden and field culture	5	10	15	25	80
Early English Horn. Roots tapering; fine color	5	10	15	25	80
Long Orange. Good for general crop, field or garden	5	10		15	40

FOR FIELD VARIETIES SEE AGRICULTURAL SEEDS.

CELERY. *Celeri*, Fr. *Selleri*, Gr.

One ounce will furnish about twenty-five hundred plants.

For early crops sow the seed in hot-beds during March, and when three inches high transplant into a well-prepared bed, and protect with boards or mats in frosty weather. For late crops sow in April. When up to the above size transplant, into a bed, three inches apart, and when about six inches high plant six inches apart into trenches for blanching; dig the trenches four feet apart and fifteen inches wide, and ten inches deep; fill in four or five inches of well rotted manure, and mix it thoroughly, half a spade deep, with the earth at the bottom. The tops and roots of the plants should be shortened, and the suckers pinched off before they are planted; give a good watering after planting; to blanch, earth up two or three times during their growth, holding the leaves close with the hand while the earth is drawn up, taking care that none of it falls into the centre of the plant. Celery, like Asparagus, is wonderfully improved by superior culture.

Paris Golden Yellow Large Solid. (Bruce's selected). This fine variety, introduced by us in 1882, has now become the standard variety for general use. The stalks grow vigorously, with large ribs very thickly and closely set. It is self-blanching to a very remarkable degree. The heart is of a beautiful golden yellow color, very large, crisp and solid. Unlike other self-blanching varieties, it is an extra good keeper—keeping well all winter—and of the finest sweet flavor. On the market stall or table it is unequalled in handsome and striking appearance. Per pkt. 10c., oz. 60c., 2 oz. $1.00, ¼ lb $1 75, lb. $6.00.

Rose Ribbed Paris. Self blanching. (New). This is a decided acquisition, being a rosy red form of the golden variety, very solid and early, and in flavor superior to any Celery yet introduced. Pkt. 10c., oz. 40c., 2 oz. 75c., ¼ lb. $1.25, lb. $4.

White Plume. The stalk and portions of the inner leaves and heart *are naturally white.* Its eating qualities are equal to the very best of the older sorts, being crisp, solid and of a pleasing flavor, while the white feather-like foliage places it ahead of others as a table ornament. Per pkt. 5c., oz. 30c., 2 oz. 55c., ¼ lb. $1.00, lb. $3.00

Pink Plume. This handsome new variety is practically identical with the well-known "White Plume," but with the added merit of the stalks being exquisitely suffused with pink and possessing the crispness, rich nutty flavor, and long keeping qualities for which red Celeries are noted. Per pkt. 5c., oz. 30c., 2 oz. 55c., ¼ lb. $1.25, lb. $3.00.

CELERY—*Continued.*

Giant White Pascal. This is the largest Celery grown as regards width and thickness of stalks. When fully grown the outer stalks average two inches wide, and are unusually thick, and are always *crisp* and *brittle*, snapping like glass, and having a rich nutty flavor. Unlike most other Celeries, it never becomes watery, and can be eaten when quite small. It is a very vigorous grower, free from rust, a grand keeper, and one of the best winter varieties catalogued. Per pkt. 5c., oz 20c., 2 oz. 35c.. ¼ lb. 60c., lb. $2.00.

Golden Hearted Dwarf. The heart is large and of a waxy golden yellow. Per pkt. 5c., oz 20c., 2 oz. 35c., ¼ lb. 60c., lb. $2 00.

Dwarf Large Ribbed. A superior, short, white, solid variety. Per pkt. 5c., oz. 20c , 2 oz 35c., ¼ lb. 60c., lb. $2.00.

Perfection Heartwell. One of the best for winter use; quality extra. Per pkt. 5c., oz 30c., 2 oz. 55c., ¼ lb. $1 00, lb. $3.00.

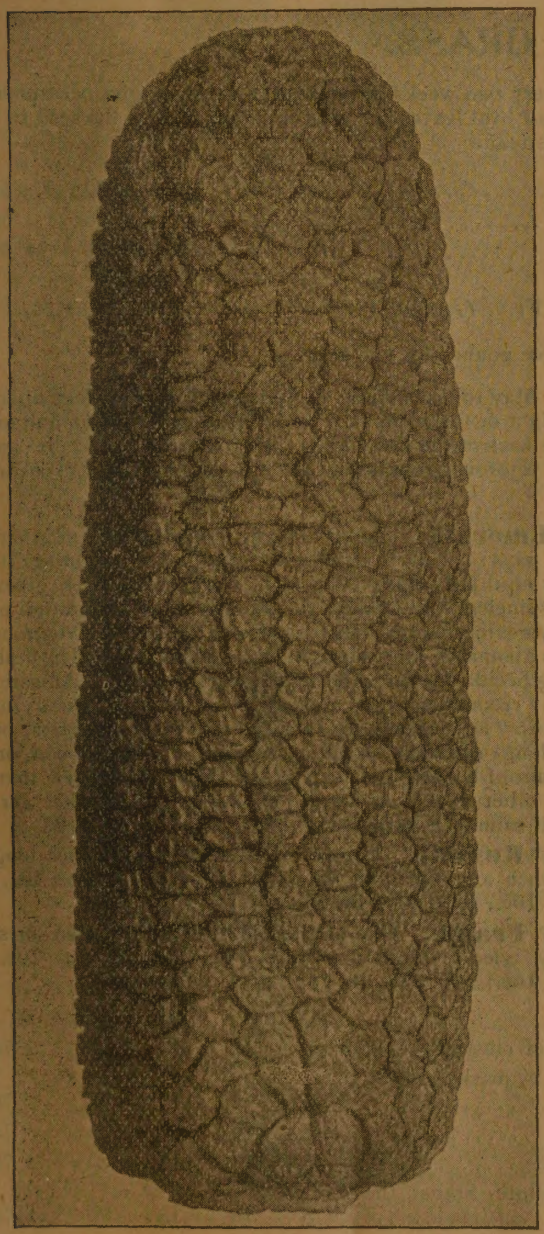
The Prince of Wales or Sandringham. An unusually dwarf solid variety, very crisp and of rich, nutty flavor, pure white. Per pkt. 5c., oz 20c., 2 oz 35c., ¼ lb. 60c., lb. $2.00.

Boston Market. A favorite white variety. Per pkt. 5c., oz. 20., 2 oz. 35c., ¼ lb. 60c., lb. $2.00.

Hamilton Red. A grand new variety, large, solid, of excellent flavor and a fine keeper; the best of its color. Per pkt. 10c , oz. 40c. 2 oz 75c.

Major Clarke's Red. Very solid, crisp, excellent flavor. Per pkt., 5c , oz. 30c., 2 oz. 55c., ¼ lb. $1 00, lb. $3.00.

Giant White Pascal.



Nonsuch Sweet Corn.

Turnip Rooted or Celeriac. Has edible roots, which are used for soups, etc. Per pkt. 5c., oz. 20c., 2 oz. 35.

CELERY SEEDS. For flavoring soups, etc. Per oz. 10c., lb. 40c.

CELERY PLANTS. All the leading varieties, 75c. per 100. Special prices for large quantities.

CHICORY.

It may be sown and treated in the same manner as carrots. Used to mix with, or as a substitute for coffee.

Large Rooted, or Coffee. Per pkt. 5c., oz. 10c., 2 oz. 15c., ¼ lb. 25c., lb. 60c.

CORN SALAD. *Mache*, Fr. *Ackersalat*, Gr.

Sow the seed early in September, thickly, in shallow drills six inches apart, and protect through the winter with a slight covering of clean straw. It requires rich soil. Per pkt. 5c., oz., 20c., 2 oz. 30c., ¼ lb. 60c., lb. $2.00.

CORN—SWEET OR SUGAR.

One pint will plant one hundred hills. One peck for an acre.

Plant in hills three feet apart each way, and three or four grains in a hill. Hoe often and draw the soil to the stems; plant about the middle of May, and for a succession every two weeks until July.

First of All. It is claimed for this variety to be from 3 days to a week earlier than the Early Cory. In habits of growth it is rather dwarfer, although similar in appearance but superior in quality. A valuable market variety. Per pkt. 5c , pint 10c . qt. 20c., pk. 75c.

The Cory Sugar. This has now become the standard first crop variety with gardeners and market growers, having fully established its character as the earliest of all the Sweet Corns. The ears are larger than the Minnesota and of fine quality. Per pkt. 5c., pint 10c., qt. 20c.. pk. 75c.

Early White Cory. A selection of the Cory, of the same character in all respects, except that it has a white cob and kernels. Very early and a good variety. Per pkt. 5c., pint 10c., qt. 20c., pk. 75c.

Early Minnesota Sugar. A well-known early variety of finest quality. Per pkt. 5c., pint 10c., qt. 20c., pk. 60c.

Perry's Hybrid Sugar. An early variety, nearly as early as Minnesota, and ears much larger, each containing from 12 to 14 rows of kernels. Per pkt. 5c., pint 10c., qt. 20c., pk. 75c.

Mr. Wm. Harris Humber Bay, writes: "Kindly send me 1 pound of Bruce's Selected Paris Golden Yellow Celery, the same as you sent before; there is no Celery like yours."

CORN—*Continued.*

	Pkt.	Pint.	Qt.	Peck
Crosby's Early Sugar. Rich sugary flavor, very productive	5	10	20	75
Nonsuch. An extra large eared Second Early. The fodder and cobs are pink in color, the corn when fit for use pure white, 10 to 14 rows on the cob. A most productive and desirable variety	5	10	20	75
Hickox Sugar. A second early, ears nearly as large as Mammoth, more productive and is largely grown for canning by the leading factories in Canada and the United States	5	10	20	75
Country Gentleman. An exceptionally productive variety, bearing 3 to 5 ears on the stalk, and of the finest quality. The cob is very small, giving great depth to the kernels which are of pearly whiteness, sweet and tender. Matures a little before Stowell's Evergreen	5	10	20	75
Stowell's Evergreen Sugar. A standard variety, remaining green longer than any other kind	5	10	20	75
Mammoth Sugar. A late variety and one of the largest, productive and fine flavored	5	10	20	75

Parching or Pop. Several varieties. Per lb. 10c.

Hickox Sugar Corn.

CRESS or PEPPER GRASS.

The curled and broad-leaved varieties sow thickly in shallow drills every two weeks throughout the season; give occasional waterings in dry weather. The Water Cress is an aquatic plant, with small oval leaves and postrate habit. Sow the seed in a well prepared bed, and when rooted transplant to the banks of a running stream.

	Pkt.	Oz.	2 Oz.	¼ lb.	lb.
Extra Curled. The best for salads	5	10	15	20	50
Broad Leaved. A large leaved variety	5	10	15	20	50
True Water. An early and very wholesome salad	10	50	75	$1 25	$4 00

CUCUMBER. *Concombre*, Fr. *Gurke*, Gr.

One ounce will plant fifty hills. Two or three pounds for one acre.

OPEN AIR CULTURE.—For general crops, plant from the middle of May to the middle of June, in hills five feet apart each way, elevating the hills a little above the level of the ground. Put eight or ten seeds into each hill and cover them half an inch deep with fine soil, and press the earth a little over the seeds with the back of the hoe; keep the ground loose and clear of weeds, and in dry weather water occasionally; after they have obtained a vigorous growth, and the danger from insects is over, they should be thinned out, leaving four thrifty plants in a hill.

New Cucumber—The Emerald.

The Emerald. New. The introducer of this new variety, says: "It is strictly *an evergreen*, retaining its color until fully ripe. On sight, its distinct dark green and spineless skin attracts the attention and admiration of everyone interested. Its fruit sets early, and its vigorous vines abound in long straight, handsome fruits. The flesh being peculiarly crisp and tender, and the flavor delicate, highly recommend it as a slicer; it is equally good for pickles. For forcing, for those who grow under glass, or for long distance shipping, it will prove a boon, on account of holding its deep green so much longer than most other sorts. As an all purpose table or market variety it cannot be surpassed." Per pkt. 15c., 2 for 25.

Early Russian. Fruit from three to four inches long and inch and a-half in diameter. Per pkt. 5c., oz. 10c., 2 oz. 15c., ¼ lb. 25c., lb. 75c.

Early Frame. One of the oldest of the garden sorts, justly styled a standard variety. Per pkt. 5c., oz. 10c., 2 oz. 15c., ¼ lb. 25c., lb. 75c.

	Pkt	Oz.	2 Oz.	¼ lb.	lb.
Early Cluster. A very popular early Cucumber, producing its fruit in clusters	5	10	15	25	75
Early White Spine. One of the best table sorts and highly prized by marketmen on account of its color which never changes to yellow	5	10	15	25	75
Boston Pickling. A popular variety for pickling	5	10	15	25	75
Nichol's Medium Green. Equally good for the table or for pickles	5	10	15	25	75
White Pearl. About the size and general shape of the Improved White Spine, the fruit when ripe being pure white, flesh solid and of excellent quality	5	10	15	25	75
Everbearing. Very early, small sized and enormously productive, and valuable as a green pickler	5	10	20	30	$1 00

CUCUMBER—*Continued.*

Long Green Cucumber.

Improved Chicago Pickling Cucumber.

Improved Chicago Pickling. A very prolific variety, combining all the qualities desired by those who raise cucumbers for commercial pickles. Per pkt. 5c., oz. 10c., 2 oz. 15c., ¼ lb. 25c., lb. 75c.

	Pkt.	Oz.	2 Oz.	¼ lb.	Lb.
Long Green Prickly. Skin dark green, changing to yellow as the fruit approaches maturity; flesh white, somewhat seedy, but crisp, tender and fine flavored	5	10	15	25	75
Green Prolific Pickling. A splendid variety, selected with great care by one of the largest growers of pickling cucumbers; 200,000 can be grown on one acre	5	10	15	25	75
Stockwood Ridge. A black spined variety, twelve to eighteen inches long	10	50			
West India Gherkins. Used only for pickles	5	30	55	1 00	3 00
English Gherkins. Fine for table or pickles	5	20	35	60	2 00

Frame Cucumber.

FRAME OR GREENHOUSE VARIETIES.

UNDER GLASS CULTURE.—Sow in small pots from middle of January, either in frames or in hot houses; when grown to three leaves, plant out in previously prepared loose, rich soil. Special care should be taken to keep up a uniform heat, both bottom and atmospheric. In forcing, the night temperature should not be allowed to sink below 60°, and the day heat should range from 70° to 80°. Admit air in all mild weather, night and day. Attend to the stopping, training and setting of the flowers, thinning the shoots, watering with liquid manure, tepid water, etc.

	Per pkt
Telegraph. (Rollison's). One of the most reliable sorts	20
Blue Gown. A fine black-spined variety, from 18 to 24 inches long	20
Duke of Edinburgh. A superior white-spined variety, averaging over thirty inches in length	20
Marquis of Lorne. A fine white-spined variety, of immense size and symmetrical form	20
Carter's Model. Perfect in outline, with scarcely any neck, and of fine flavor	20
Lockie's Perfection. The fruit is of a beautiful green, of medium length, straight and short necked, carrying a splendid bloom, and of unsurpassed flavor; a wonderful cropper	20
Chaplin's Wonder. (White Spine). The fruit is very dark green, from 18 to 25 inches in length, growing perfectly straight; the neck is short and the flavor exquisite	25
Hurst's Monarch. New. Fruit handsome, length 24 to 30 inches, of beautiful dark green color; the flesh is solid, crisp and of fine flavor, black spine	25

CURLED CHERVIL. *Cerfeuil,* Fr. *Koerbelle,* Gr.

Cultivated and used like Parsley; sow at any time in the spring, in shallow drills one foot apart. Per pkt. 5c., oz. 15c.

EGG PLANT. *Aubergine,* Fr. *Eirflanze,* Gr.

Sow the seed thickly in a hot-bed in March, and plant out at the end of May in a rich, warm piece of ground in rows two feet apart and one foot in the rows. They bear their fruit when about fifteen inches high.

	Pkt.	Oz
New York Improved Round Purple. The leading variety; very large and productive	10	60
Long Purple. Very hardy; early and productive	5	50

ENDIVE. *Chicoree*, Fr. *Endiven*, Gr.

Sow middle of July, in drills or beds; when up, thin out to stand twelve inches apart; when the leaves are six or eight inches long blanch them by gathering the leaves in the hand and tying them together near the top with matting. It is highly esteemed as a salad.

	Pkt.	Oz.
Green Curled. Very heavy; leaves dark green; tender and crisp	5	30
White Curled. Leaves pale green; a good variety	5	30

GARLIC. *Ail*, Fr. *Lauch*, Gr.

Requires a rich, light soil. Plant in rows six inches apart, and about two inches deep; leave a foot between the rows; when the leaves turn yellow take up the crop. It is used extensively for seasoning pickles, etc.

	Per lb.
Large Italian. Sets	40

KOHL-RABI.—TURNIP-ROOTED CABBAGE.

	Pkt.	Oz.	2 Oz.	¼ lb.
Early Purple Vienna	5	20	35	60
Early White Vienna	5	20	35	60

LEEK. *Poireau*, Fr. *Porre*, Gr.

Sow early in spring, in drills or beds; when the plants are eight or ten inches high transplant them in rows six inches apart and twelve inches between the rows. Plant at least six inches deep to have them well blanched. By many they are preferred to onions for soup, etc.

	Pkt.	Oz.	2 Oz.	¼ lb.	Lb.
Large Scotch, or Musselburgh. Grows to an immense size; hardy and fine flavored	5	20	35	60	$2 00
Extra Large Carentan. Very hardy; extraordinary size	5	20	35	60	2 00

Scotch Leek.

LETTUCE. *Laitue*, Fr. *Lattiche*, Gr.

One ounce will sow a row of a hundred feet.

For early use, sow in hot-beds in February; and for general use, as early in the spring as the ground can be worked, in a well-prepared bed or drills; thin or transplant to one foot apart for heading. A sowing should be made at intervals throughout the season for succession.

Bruce's Nonpareil Cabbage Lettuce.

Bruce's Nonpareil Cabbage—This well-known variety has proved itself during the past thirty-six years to be one of the best Lettuces for out-door cultivation, and for forcing in the green house it has no equal; in color it is a beautiful yellowish green; the heads being large, solid and of the finest quality. Per pkt. 5c, oz. 15c. 2 oz. 30c., ¼ lb. 50c., lb. $1 50.

The Gardener's Favorite. A standard variety for early forcing or out-door cultivation. It has no equal for flavor or crispness. Color yellowish green, heads large and solid. Per pkt. 5c., oz. 15c., 2 oz. 30c., ¼ lb. c., lb. $1.50.

Hamilton Market. A variety of local origin; heads large, very solid, tender and well flavored. Color, yellowish green, and suitable for forcing and open air cultivation. Per pkt. 5c., oz 15c., 2 oz 30c., ¼ lb. 50c., lb. $1.50

	Pkt.	Oz.	2 Oz.	¼ lb.	Lb
Early Curled Simpson. (Black Seed); a good forcing variety	5	20	30	50	$1 50.
Grand Rapids. This variety is best adapted for forcing. Leaves medium size, of light yellowish green color, much crimped and frilled, forms a fair sized but loose head; crisp and of good quality. Owing to its upright habit, it may be planted very closely. A good shipper	5	15	25	40	1 25
Extra Early Ohio. Oval shaped heads, solid, sweet and crisp. A good variety for forcing	5	15	30	50	1 50
Boston Market or Tennis Ball. One of the earliest, heads small, solid, crisp and fine flavored	5	15	25	40	1 25
Brown Dutch. Very hardy, one of the very best for winter use	5	15	30	50	1 50
Blonde Beauty. Its beautifully curled white leaves, with their slight golden tinge, give it a pleasing appearance; heads large and solid	5	20	30	50	1 50
Hanson. A well-known variety, heads large and of finest quality	5	15	25	40	1 25
Paris White Cos. The finest form of Lettuce of the Cos type	5	20	35	60	2 00
Early Curled Silesia. Very early and good for forcing	5	15	25	40	1 25

MUSK MELON. *Melon*, Fr. *Melon*, Gr.

One ounce will plant about sixty hills; three pounds to an acre.

CULTURE.—Plant middle of May, in hills six feet apart each way, eight to ten seeds in each, and thin out to three or four plants when in a state of forwardness. To grow good Melons, the hills should be prepared by digging out the soil from one and a half to two feet deep, and two or three feet broad, according to the richness of the land. Add a very liberal quantity of best decomposed manure, and mix well with the soil, filling a little above the level. Seeds should not be put into the hills until the weather becomes settled and warm.

MUSK MELON—Jersey Belle. Unlike other extra early sorts, does best on light soils. As shown in the above cut, it is flattened on the ends, deeply ribbed and heavily netted, indicating by its outward appearance the exquisite quality of the beautiful green flesh within. Per pkt. 5c., oz. 15c., 2 oz. 20c., ¼ lb. 30c., lb. $1.00.

Early Hackensack Melon.

Extra Early Citron. The largest of the very early Cantaloupes, form half flat, fairly webbed, flesh green. The merit of this sort consists in its extra early habit, for which it will be found profitable by all market gardeners. Per pkt. 5c., oz. 15c., 2 oz. 20c., ¼ lb. 30c., lb. $1.00.

Large Hackensack. A standard variety. The melons weigh from four to ten pounds each, and are of a delicious flavor. Per pkt. 5c., oz. 15c., 2 oz. 20c., ¼ lb. 30c., lb. $1.00.

Extra Early Hackensack. This variety resembles its progenitor but is smaller and about ten days earlier. Per pkt. 5c., oz. 15c., 2 oz. 20c., ¼ lb. 30c., lb. $1.00.

The Princess. Fruit nearly round, with heavily netted dark green skin; the flesh is of a rich salmon color, and the flavor is sweet beyond description. Per pkt. 5c., oz. 15c., 2 oz. 20c., ¼ lb. 30c., lb. $1.00.

Montreal Improved Green Nutmeg. This variety grows to a large size, beautifully netted and deeply ribbed, flesh light green, melting and of exquisite flavor. Per pkt. 5c., oz. 15c., 2 oz. 20c., ¼ lb. 30c., lb. $1.00.

Bay View Green Flesh. A well-known variety, of vigorous growth, great productiveness, large size and delicious flavor. Per pkt. 5c., oz. 15c., 2 oz. 20c., ¼ lb. 30c., lb. $1.00.

Early Orange Christiana. Yellow flesh. It is ten days earlier than the Nutmeg. Per pkt. 5c., oz 15c., 2 oz., 20c., ¼ lb., 30c., lb. $1.00.

Osage or Miller's Cream. Flesh is a rich salmon color, very thick, sweet, rich and delicious. It has a thin rind, finely netted; a vigorous grower and very productive. Per pkt. 5c., oz. 15c., 2 oz. 20c., ¼ lb. 30c., lb. $1.00.

MUSK MELON.—*Continued.*

	Pkt.	Oz.	2 Oz.	¼ lb.	lb.
Shumway Giant. Round shaped, light green color, skin smooth with little netting, flesh deep salmon color, thick and fine grained, average weight eighteen pounds	5	15	25	40	1 50
Delmonico. Is an oval melon of large size, and deeply netted. The flesh is an orange pink color, and of delicious flavor	5	15	25	40	1 50

WATER MELONS. *Melon d'eau*, Fr. *Wassermelon*, Gr.

One ounce for every thirty hills; four to five lbs. for an acre.

The Water Melon is purely a tropical fruit, greatly appreciated for its refreshing coolness and delicious flavor. Cultivate same as Musk varieties, only that hills should be eight feet apart each way.

Sweet Heart. (New.) Early, uniformly large, handsome and productive. As a shipper and long keeper it has no equal. Fruit is oval, heavy, and mottled light green. Flesh bright red, firm, solid, but very tender. A profitable variety for market gardeners. Per pkt. 5c., oz. 15c., 2 oz. 25c., ¼ lb. 40c., lb. $1.25.

Dixie Water Melon.

Peerless. An extra early variety of medium size; thin rind, light mottled green; flesh bright scarlet. Per pkt 5c., oz. 15c., 2 oz. 20c., ¼ lb 30c., lb. $1.00.

Dixie. A cross between Kolb's Gem and Mountain Sweet, surpassing the former in shipping qualities and fully equalling the latter in fine eating quality and flavor, being a week or ten days earlier than either. Per pkt. 5c., oz. 15c., 2 oz. 20c., ¼ lb. 30c., lb. $1 00.

Green and Gold. A large variety, very productive and of delicious flavor. Per pkt. 5c., oz. 15c., 2 oz. 20c., ¼ lb. 30c., lb. $1.00

Kolb's Gem or American Champion. It attains a weight of from 25 to 50 lbs. Its flavor and its keeping qualities are the best. Per pkt. 5c., oz. 15c., 2 oz 20c., ¼ lb. 30c., lb. $1.00.

Phinney's Early. An early, hardy and productive red fleshed variety Per pkt. 5c., oz. 15c., 2 oz., 20c., ¼ lb 30c., lb. $1.00.

Black Spanish. A standard variety. Fruit medium size, almost round, skin dark green, flesh deep red, sweet and delicious. Per pkt. 5c., oz. 15c., 2 oz. 20c., ¼ lb. 30c., lb. $1.00.

	Pkt.	Oz.	2 Oz.	¼ lb.	lb.
Cuban Queen. Flesh bright red, remarkably solid, crisp and sugary, and for delicious flavor is unsurpassed	5	15	20	30	$1 00
The Boss. Oblong in shape, skin dark green, flesh deep scarlet and of rich flavor; early, heavy, productive and a good shipper; a favorite with market growers	5	15	20	30	1 00
Citron. Fruit round, flesh white and solid; used for making preserves only. Red seed	5	15	20	30	1 00
Citron Colorado Preserving. Of large size, very productive and of excellent quality. Green seed	5	15	25	40	1 25

MUSHROOM SPAWN.

Mushrooms can be grown in any cool, shady situation out of doors in the summer time, and during the winter months in any outhouse, shed or cellar where the temperature does not fall below 45°, and is tolerably uniform. Where such conditions are at hand, proceed as follows:—Collect the fresh horse-droppings from the stable every day, shake out the greater bulk of the straw, and spread the remainder, not too thinly, over a floor in any shed where the rain is kept out. The best site for the bed is a dry, hard floor in any of the structures that we have before suggested, and the best moderate size for a bed is one which will measure about six feet by four, and not less than twelve inches in depth. Then commence to make the bed by putting in the droppings regularly and lightly in layers until the mass is about two feet deep. Beat or tread the materials until they are compressed firmly to the depth of about twelve inches, when a test-peg should be inserted to ascertain the temperature, and it may be left for a few days to heat. Take the peg out every morning and try the temperature with the hand, and as soon as the heat is found to be on the wane, and the test-peg can be handled comfortably, insert pieces of spawn about the size of a walnut at intervals of three or four inches apart and just below the surface of the dung. If there is no likelihood of the temperature of the bed rising, it may be soiled at once, otherwise it would be better to defer this for a day or two. The soiling consists simply in covering the bed to the depth of about three inches with good loam, which must be beaten firmly with the back of a spade. The test-peg must be inserted again, and then the only attention that will be required is to see that the temperature does not fall too low; and if there should be any signs of this, the evil may be corrected by covering the bed with hay to the depth of three or four inches. In about six weeks' time the Mushrooms should begin to show, and if the bed is getting dry give a watering with warm water, which will probably be required afterwards about once a fortnight, as success depends on maintaining a uniform temperature. **Fresh English Spawn,** in bricks, 25c. each.

Mushrooms.

MUSTARD. *Moutarde*, Fr. *Senf*, Gr.

For early salad sow in hot-beds in February and March; and for general crops, at intervals throughout the season, in shallow drills six inches apart.

White. For salad..... Per pkt. 5c., oz. 10c., ¼ lb. 15c., lb. 30c.

ONION. *Ognon*, Fr. *Zwiebel*, Gr.

One ounce will sow a row one hundred feet; five pounds to an acre.

Onion seed is sown from the first of April to the middle of May—the earlier the better—provided the ground is dry enough to work light and fine. Rich soil, with a good application of manure every year, and proper attention, will almost invariably insure a good crop. Onions, unlike most other crops, may be raised on the same ground for an indefinite length of time. Onion sets and tops are placed on the surface in shallow twelve inch drills, about four inches apart, but not covered.

	Pkt.	Oz.	2 oz.	¼ lb.	lb.
Early Red Globe. Globe shaped, skin deep red, flesh white; mild and tender; handsome in appearance and ripens early.	5	15	25	40	$1 50
Extra Early Flat Red. Resembles the Wethersfield in color, but is much earlier; valuable for heavy late soils	5	15	25	40	1 50
Large Red Wethersfield. Skin deep purplish red, flesh purplish white; fine grained and stronger flavored than that of the yellow and early red varieties; productive, and one of the best to keep..	5	15	25	40	1 25
Danvers Yellow Globe. Bruce's Selected, a fine variety; above the medium size, globular in form, skin yellowish brown, flesh white; mild and well flavored; very productive. The most profitable variety for market gardeners to grow....	5	15	20	35	1 20
Danvers Yellow Flat. In quality equal to the preceding, but flat in shape.	5	15	20	35	1 00
Yellow Dutch. Very flat and productive....	5	15	20	35	1 00
White Globe. A large globe-shaped variety; very solid, of mild flavor, and good keeper; clear white skin, and always commands the highest market price.....	5	25	40	70	2 50
White Portugal. Large flat Onion; mild flavor; fine for early winter use.....	5	25	40	70	2 50
Welsh—Red or White. Used for salads. Sow the seeds of this variety in August.....	5	20	35	60	2 00

Large Red Wethersfield Onion.

Large growers will please write for our special prices for Onion Seed.

Messrs. Lightfoot & Son, Toronto, write: "Send us 1 lb. of your Bruce's Nonpareil Cabbage Lettuce. We never had such a grand Lettuce in all our lives. Your Selected Erfurt Cauliflower was very good indeed.

ONIONS—*Continued.*

Giant Prizetaker Onion.

PICKLING ONIONS.

White Barletta Onion. An extra early white-skinned variety; flesh pure white; very mild in flavor; excellent for pickling. Per pkt. 5c., oz. 25c., 2 oz. 40c., ¼ lb. 70c., lb. $2.50.

Queen. This is another extra early variety; small, flat and mild flavored. Per pkt. 5c., oz. 25c., 2 oz. 40c., ¼ lb. 70c., lb. $2.00.

Small Silver Skin Pickling. A standard variety; largely grown for pickles. Per pkt. 5c., oz. 15c., 2 oz. 25c., ¼ lb. 40c., lb. $1.50.

NEAPOLITAN ONION SEEDS.

The following varieties can be grown to an enormous size by sowing in the fall, say from the 1st of August to the 10th of September, and planting out the following spring, or they may be sown in a hot-bed early in the season and transplanted out as soon as the ground is in condition.

Giant Prizetaker. Of a rich straw color. This variety grows to an enormous size averaging from 12 to 14 inches in circumference. Globe-shaped, solid, and an excellent keeper; in flavor it is mild and sweet. Per pkt. 5c., oz. 20c., 2 oz. 35c., ¼ lb. 60c., lb. $2.00.

Giant White Tripoli. Large and handsome. Per pkt. 5c., oz. 25c., 2 oz. 40c., ¼ lb. 75c., lb. $3.00.

Mammoth Silver King. A white-skinned and white-fleshed variety. It matures early. In shape somewhat flat and of an exceedingly mild and delicate flavor. Per pkt. 5c., oz. 20c., 2 oz. 35c., ¼ lb. 60c., lb. $2.00.

Giant Rocca. Large globular-shape, light brown skin. Per pkt. 5c., oz 15c., 2 oz. 25c., ¼ lb. 40c., lb. $1.50.

ONION SETS.

When wanted in large quantities write for special quotations.

English Potato	Per qt.	10c.,	by mail,	20c.
Top or Button	"	20c.,	"	30c.
Shallots	"	10c.,	"	20c.
Dutch Sets, yellow	"	15c.,	"	25c.
Dutch Sets, white	"	20c.,	"	30c.

OKRA. *Gombo,* Fr. *Tapan,* Gr.

Plant late in the spring (after the ground has become warm), in drills two and a half feet apart, and thin out to nine inches in the row; hoe often and draw the earth up to the stems. Use the pods when green and tender.

Dwarf Green. Round smooth pods.....Per pkt. 5c., per oz. 20c.

Hollow Crown Parsnip.

PARSLEY. *Persil,* Fr. *Petersille,* Gr.

Sow early in the spring, in drills twelve inches apart; thin out the plants to six inches apart. To have green during the winter, remove plants into a box, and place in a light cellar or cold frame.

	Pkt.	Oz.	2 Oz.	¼ lb.	lb.
Extra Curled. Leaves beautifully curled	5	10	15	25	$1 00
Champion Moss Curled. This is the perfection of a parsley.	5	15	25	40	1 25
Carter's Fern Leaved. Invaluable for garnishing	5	15	25	40	1 50

PARSNIP. *Panais,* Fr. *Pastinake,* Gr.

Sow as early as the ground will permit, in very rich, loamy soil, in rows fifteen inches apart, and thin to seven inches in the row. The roots are very hardy, and are greatly improved by remaining in the ground through the winter.

	Pkt.	Oz.	2 Oz.	¼ lb.	lb.
Bruce's Improved Hollow Crown. Will be found a decided improvement on the old variety; root finely shaped, and flavor excellent	5	10	15	20	60
The Student. A well-known variety of fine flavor	5	10	15	20	60

Bruce's Extra Early.

PEAS. *Pois*, Fr. *Erbsen*, Gr.

One quart for a row of 75 feet.

The soil best adapted for the pea is a rich loam, well manured the previous year (use thoroughly decomposed manure if any, immediately before planting). For early crops, sow as early in the spring as the ground can be worked in drills three feet apart, and for a succession every two weeks until the 1st of July. When they are about two inches high, begin to draw the earth to the stems. Hoe often in dry weather. Peas should be soaked in water before planting, and if the ground be very dry, should be watered in the hills.

EXTRA EARLY VARIETIES.

When peas are to be sent by mail, add the postage at the rate of eight cents per quart.

Bruce's Early Conqueror. This well-known variety surpasses all other peas as to earliness. A prolific cropper bearing large pods; it ripens up with wonderful uniformity, making it the most profitable early pea for market gardeners to grow. Height, 2 ft. Per pint 10c., qt. 20c., peck $1.10, bush. $3.90.

Carter's First Crop or Ringleader. Very early and productive, with fair-sized pods. Height, 2 ft. Per pint 10c., qt. 20c., peck $1.00, bush. $3.60.

Improved Daniel O'Rourke. Is still a favorite with many large growers; pods large and uniformly well filled. Height, 2 ft. Per pint 10c., qt. 20c., peck $1.00, bush. $3.60.

Blue Beauty. An early dwarf, blue variety. The pods are of medium size, well filled and borne with great profusion. In quality and flavor it cannot be surpassed by any other round, smooth variety. Height, about 20 inches. Per pint 15c., qt. 30c., peck $1.25, bush. $4.50.

American Wonder. This variety is justly entitled to take first position at the head of the list of Extra Early Dwarf Wrinkled Peas, and stands unrivalled in point of productiveness, flavor and quality. Height, 10 to 12 inches, with a very branching habit. Per pint 15c., qt. 30c., peck $1.25. bush. $4.80.

Wm. Hurst. As early as the American Wonder. Of handsome dwarf growth, the vines are eight to ten inches high. The scimeter-shaped pods average three inches long, and are well filled with large peas, each pod containing six to eight, so closely packed that the peas are flattened against each other. Quality the very best; rich, sugary, and delicious in flavor. Per ½ pint 10c., pint 20c., qt. 40c., peck $2.00.

SECOND EARLY VARIETIES.

McLean's Little Gem. This Pea is now a well known standard variety. It is one of the best dwarf early sorts, and of exquisite flavor. Height, 1 ft. Per pint 15c., qt. 30c., peck $1.15, bush. $4.20.

Horsford's Market Garden. A wrinkled variety, prolific bearer; pods medium size, numerous and well-filled with peas of a delicious flavor. Per pint 10c., qt. 20c., peck $1.15, bush. $4 20.

McLean's Blue Peter. A splendid bearer, with large and well-filled pods. Height, 1 ft. Per pint 15c., qt. 30c., peck $1.20, bush. $4 20.

New Pea.—William Hurst.

McLean's Advancer. A dwarf, green wrinkled variety of fine flavor. Per pint 15c., qt. 30c., peck $1.15, bush. $4.20.

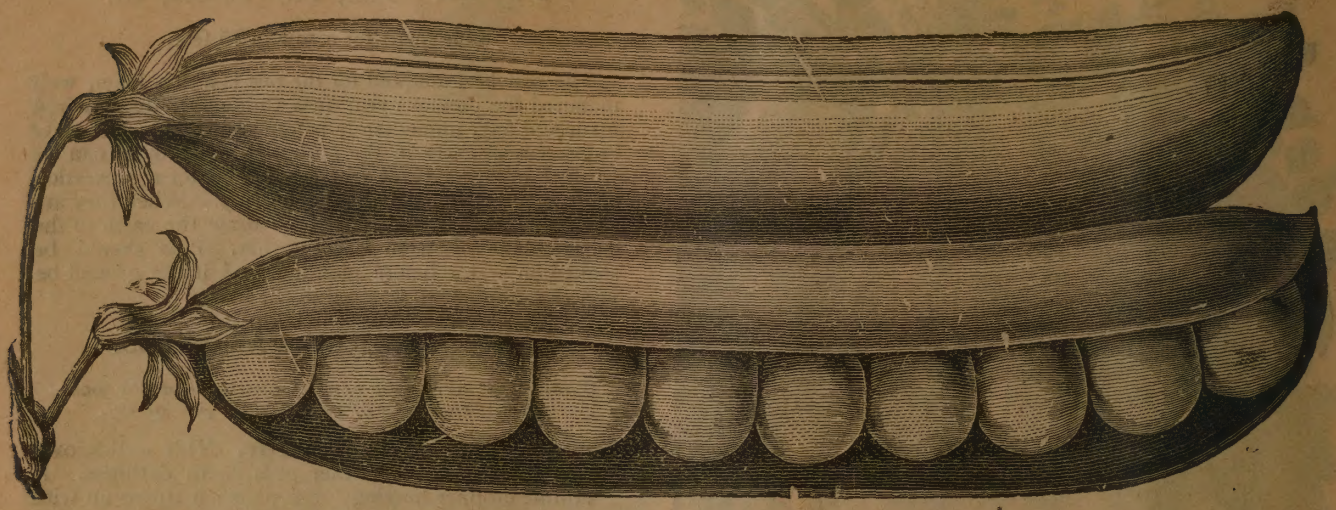
GENERAL CROP.

Champion of England. Good for general crop, very fine flavor. Height, 4 ft. Per pint 10c., qt. 20c., peck $1.00, bush. $3.60.

Stratagem. This is one of the best, if not absolutely the best, of the many English Peas. It grows to a height of two feet, and the plant is literally covered with immense pods, many measuring nearly six inches in length, and frequently containing ten large, fine flavored Peas. Per pint 15c., qt. 30c., peck $1.25, bush. $4.80.

Bruce's Extra Early Conqueror Pea is the Favorite with Gardeners for Earliest Market Use.

PEAS—*Continued.*



New Pea—The C. P. R. This is one of the grandest Peas we have so far catalogued. A main crop, blue wrinkled marrow Pea, growing about two feet high, of a sturdy, branching habit. It requires to be sown thinly, as the pods are produced from the very bottom of the plant to the top. The pods are large and slightly curved, and filled with peas of a fine deep green color and of the most delicious flavor. We strongly urge all growers to give it a trial. Per ½ pint, 10c.; pint, 20c.; quart, 40c.; peck, $2.00.

Large White Marrowfat. A very prolific, first-rate variety. Per pint, 10c.; quart, 15c.; peck, 40c.

Black-Eyed Marrowfat. Great bearer, large pods. Per pint, 10c.; quart, 15c; peck, 40c.

PEPPER. *Piment*, Fr. *Spanisher Pfefer*, Gr.

Sow early in the spring in a hot-bed, and transplant end of May into rows eighteen inches apart and ten inches in the row, and earth up a little at one or two hoeings.

	Pkt.	Oz.
Cardinal. From five to six inches in length, tapering to a point; of glossy bright red color	5	75
Cayenne. Pods are small, cone-shaped, coral red when ripe.	5	40
Cherry. The pods or fruit erect, nearly globular, cherry form; of a deep, rich, glossy scarlet	5	40
Chili. Pods pendant, shape conical, about two inches in length; very piquant	5	40
Golden Dawn. A rich deep yellow pepper, of uniform large size, sweet and mild	5	50
Improved Bull Nose or Sweet Mountain. A large, early variety, sweet and mild	5	40
Long Red. Pods brilliant red, and three or four inches in length; very productive	5	40
Long Yellow. Similar to the Long Red in shape and size, excepting in color	5	40
Mammoth Golden Queen. (New). The largest of the yellow varieties	5	50
Mammoth Spanish. One of the largest and earliest varieties; flesh is sweet and mild	5	40
Monstrous or Grossum. A remarkably fine variety, growing to a large size	5	40
Ruby King. Beautiful bright red; fruit very large and mild; one of the best	5	50
Squash. Skin smooth and glossy; flesh thick, mild and pleasant to the taste	5	40

Long Red Pepper.

PUMPKIN. *Potiron*, Fr. *Kurbis*, Gr.

Plant middle of May in manured hills, eight feet apart, and leave but two or three plants in a hill.

	Pkt.	Oz.	2 Oz.	¼ lb.	lb.
Cheese. Medium size; one of the best for cooking purposes	5	10	15	30	$1 00
Large Yellow. Better adapted for feeding purposes than for cooking	5			10	25
King of Mammoth, or Jumbo. This variety can be grown to an enormous size; flesh fine-grained and of excellent quality	10	20	35	60	2 00
Red Etampes. Large; flat; good for cooking	10	20	35	60	2 00
Japanese Pie. Crook-necked variety; productive; ripens early; medium size; good keeper	10	20	35	60	2 00

SELECTED SEED POTATOES.

The following varieties may be relied upon as genuine and of fine quality.

Bruce's White Beauty Potato.

Bruce's White Beauty. Introduced by us six seasons ago, and acknowledged by all who have grown it to be the handsomest and best all-round market variety yet introduced. In shape like the well-known Beauty of Hebron, it is earlier and more productive; the tubers are of a uniform size and of the finest quality, the skin and flesh being pure white; a good keeper. We strongly recommend it to market gardeners and other large growers.

Burpee's Extra Early. Of good size, oblong in shape, skin smooth, of a creamy white color, shaded with pink; flesh pure white; fine grained and of the best table quality. Very productive.

Early Puritan. An early variety of handsome, oblong shape; skin and flesh pure white. Very productive.

Early Ohio. A very fine extra early potato of vigorous growth and superior quality.

Other standard varieties supplied. Prices on application. We usually commence shipping about the first of April (weather permitting).

RADISH. *Radis* Fr. *Rettig*, Gr.

One ounce will sow a row of one hundred feet.

For early crops they should be sown in hot-beds in February or March, and in the open air as soon as the ground can be worked, and at intervals of ten or twelve days for a succession throughout the season. Sow in drills eight or ten inches apart, and thin to a distance of two inches in the drills. The winter varieties should be sown in August, and lifted before severe frost. A warm, sandy loam, made rich and light by some well-rotted manure, will be most likely to produce them brittle and free from worms.

FORCING RADISHES.

Non Plus Ultra. A wonderfully rapid grower, which is fit for use within three weeks; the root is round and bright scarlet; the flesh tender and delicate: it produces but few leaves. Per pkt. 5c., oz. 10c., 2 oz. 15c., ¼ lb. 25c., lb. 75c.

In and Out. (New). Similar in size and shape to the Scarlet Turnip White Tipped, but of smaller top and much quicker growth, coming to maturity in a little over twenty days. A desirable variety. Per pkt. 5c., oz. 10c., 2 oz. 15c., ¼ lb. 30c., lb. $1.00.

Lily White. (New). A handsome, white, turnip variety, having remarkably few leaves, which are small and closely set, comes to maturity in about twenty days. Skin and flesh pure white, of excellent flavor. We recommend it to all market growers. Per pkt. 5c., oz. 15c., 2 oz. 25c., ¼ lb. 40c., lb. $1.20.

Scarlet Olive Forcing. The largest of the forcing varieties, of a pure, deep scarlet color, the top being unusually small. This will be found a most profitable variety to grow. Per pkt. 5c., oz. 10c, 2 oz. 15c., ¼ lb., 25c, lb. 90c.

Non Plus Ultra Forcing Radish.

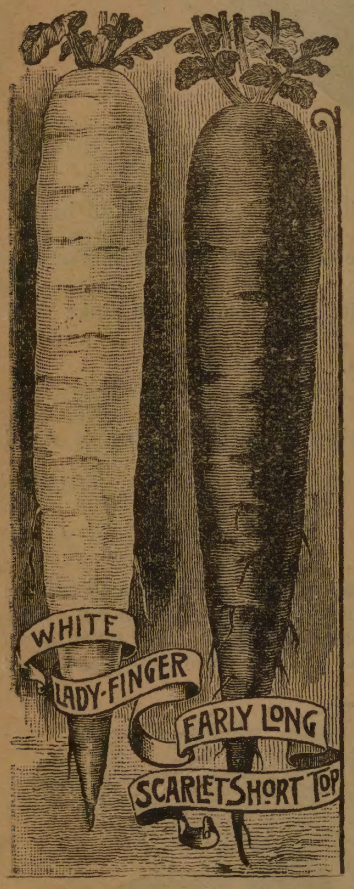
White Olive Forcing. Similar in every respect to above, except in color, both skin and flesh being pure white. Per pkt. 5c., oz. 10c., 2 oz. 15c., ¼ lb. 25c., lb. 90c.

FOR GENERAL GARDEN CROP.

	Pkt.	Oz.	2 Oz.	¼ lb.	lb.
Early Deep Scarlet Turnip. Color of the skin a very dark red, white flesh with very small tap root	5	10	15	25	75
Scarlet Turnip, White Tipped. A standard market variety	5	10	15	25	75
French Breakfast. Oval form, color scarlet, white tipped	5	10	15	25	80
Scarlet Olive-shaped. Skin fine scarlet, flesh rose color	5	10	15	25	80
White Olive-Shaped. Same as above in every respect, except color	5	10	15	25	80

RADISH—*Continued.*

	Pkt.	Oz.	2 Oz.	¼ lb.	lb.
White Turnip. Skin white, flesh white, some days later than the scarlet	5	10	15	25	60
Half Long Deep Scarlet. An early variety, intermediate in shape between the Long Scarlet and the Scarlet Olive-Shaped	5	10	15	25	80
Long Scarlet. Roots long, of a beautiful pink color. Standard sort for marketing	5	10	15	25	60
Long White Vienna or Lady Finger. This is the best long white variety, of handsome form. Skin and flesh pure white, of very rapid growth. Remarkably crisp, brittle and tender	5	10	15	30	1 00
Chartier. A long radish, of deep crimson color at the top, shading off lighter until at the bottom they become white. The roots attain a large size and remain for a long time tender and crisp	5	10	15	25	75



OUR
Selected Stocks of Radish Seed.

For many years we have supplied the large growers at Hamilton Beach, and with the best results.

Scarlet Turnip, White Tipped.

WINTER RADISHES.

	Pkt.	Oz	2 Oz.	¼ lb.	lb.
China, Rose-Colored. Size medium, flesh firm, rather piquant. The standard winter variety	5	15	20	30	$1 00
China, Round Scarlet. The root is round, of a fine scarlet color, of medium size. The flesh is pure white and of an agreeable and mild flavor. Fit for use in 6 or 8 weeks	5	25	40		
Black Spanish Round. Large round, skin black, of fine quality	5	15	20	30	1 00
Black Spanish Long. Similar to the preceding in every respect, except shape	5	15	20	30	1 00
California Mammoth or White Russian. A giant white-fleshed fall radish. It grows from 8 to 12 inches in length and about 2½ in diameter	5	15	20	30	1 00

RHUBARB. *Rhubarbe*, Fr. *Rhubarber*, Gr.

Sow early in spring, in rows 12 inches apart; the following spring transplant into rows two feet apart each way; manure the ground to the depth of two feet. In raising Rhubarb from seed, no reliance can be placed on their producing the true varieties; the most expeditious and satisfactory mode to obtain a supply is to procure roots which will produce a moderate supply the first season.

Victoria. Very large, fine for cooking. Per pkt. 5c., oz. 25c., 2 oz. 40c., ¼ lb. 75c., lb. $3.00.

Myatt's Linnæus. Very early and tender. Per pkt. 5c., oz. 25c., 2 oz. 40c., ¼ lb. 75c., lb. $3.00.

SALSIFY or VEGETABLE OYSTER. *Salsifis*, Fr. *Haferwurzel*, Gr.

Sow early in spring, in drills twelve inches apart, one inch deep, and thin out to six inches in the row; cultivate similar to Carrots and Parsnips. They are quite hardy, and will stand the winter in the open ground.

Mammoth Sandwich Island. Roots very large and of excellent quality. Per pkt. 5c., oz. 20c., 2 oz. 35c., ¼ lb. 60c., lb. $1.75.

Long White. A standard variety. Per pkt. 5c., oz. 15c., 2 oz. 25c., ¼ lb. 40c., lb. $1 50.

Mammoth Sandwich Island Salsify.

SEA KALE. *Chou Mari*, Fr. *Meerkohl*, Gr.

Sow in drills one foot apart, and thin out to four inches in the row. When one year old transplant into hills eighteen inches apart, and three plants to each hill. On approach of frost cover about two feet thick with dried leaves. Per pkt. 5c., oz. 25c., 2 oz. 40c., ¼ lb. 75c., lb. $3.00.

SCORZONERA. *Scorsonere*, Fr. *Scorzoneerwurzel*, Gr.

Cultivate same as salsify. Per pkt. 5c., oz. 20c., 2 oz. 35c., ¼ lb. 60c., lb. $2.00.

SPINAGE. *Epinard*, Fr. *Spinat*, Gr

One ounce will sow a row of 100 feet; 10 to 12 lbs. for an acre.

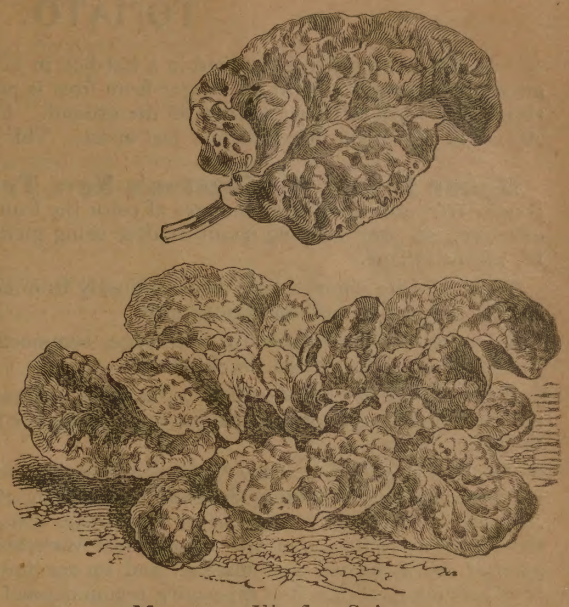
Sow early in the spring, in drills one foot apart, and thin out to six inches in the row. Rich light soil is requisite to produce large, tender leaves. For winter crop sow end of August; cover lightly with clean straw; soak the seed six hours before sowing.

Monstrous Viroflay. Extra large, round leaved variety, with thick succulent leaves. Per pkt. 5c., oz. 10c., 2 oz. 15c., ¼ lb. 20c., lb. 30c.

Catillon Long Standing. A variety with large, thick, succulent leaves, which does not run to seed as quickly as other sorts. One of the best for market gardeners to grow. Per pkt. 5c., oz. 10c., 2 oz. 15c., ¼ lb. 20c., lb. 30.

Fall or Prickly Seeded. Leaves long, thin in texture and erect. Per pkt. 5c., oz. 10c., 2 oz. 15c., ¼ lb. 20c., lb. 30.

New Zealand. Produces leaves of the greatest succulency in the hottest weather. Per pkt. 5c., oz 20c., 2 oz. 35c., ¼ lb. 60c., lb. $1.25.



Monstrous Viroflay Spinage.

SQUASH. *Courge*, Fr. *Kurbis*, Gr.

One ounce for fifty hills.

Any good enriched soil is adapted to the growth of Squashes. They only thrive well in a warm temperature, as all the varieties are tender annuals; and the seed should not be sown in spring until all danger from the frost is past, and the ground is warm and thoroughly settled. The hills should be made from eight to ten inches in depth, manured well, and the seeds covered about three-fourths of an inch deep. Keep the earth about the plants loose and clean, removing the surplus vines from time to time, allowing not more than three plants in a hill. The custom of cutting or nipping off the leading shoots of the running varieties is now practised to some extent, with the impression that it facilitates the formation of fruitful laterals and the early maturing of the fruit.

Long White Vegetable Marrow.

	Pkt.	Oz.	2 Oz.	¼ lb.	lb.
Early Yellow Scallop Bush. Early, flat, scalloped-shaped, yellow and fine grained	5	10	15	30	$1 00
Early White Scallop Bush. Similar to the preceding except in color	5	10	15	30	1 00
Early Summer Crookneck. One of the finest of the summer varieties	5	10	15	30	1 00
Vegetable Marrow, Moore's Cream Skin greenish yellow; flesh white, soft, rich flavor	5	15	25	40	1 50
Long White English Marrow. A very long, pure white marrow of finest quality, very productive	5	15	25	40	1 50
Long White Bush Marrow. The fruit of this bush variety is similar in size and color to preceding	5	15	25	40	1 50
Mammoth. Grows to a great size, often weighs 200 pounds; good for stock	5	15	25	40	1 50

Hubbard. The standard winter squash, color dark green, shell hard, flesh dry, fine grained and sweet. Excellent keeper. Per pkt. 5c., oz. 10c., 2 oz. 15c., ¼ lb. 30c., lb. $1.00.

Fordhook. A winter variety; oblong in shape, color a bright yellow; the flesh is dry, sweet and of the finest quality; very productive, remarkable keeper; skin thin, delicate; meat thick; seed cavity small; a most desirable variety. Per pkt. 5c, oz. 15c., 2 oz. 25c. ¼ lb. 35c., lb. $1.25.

The Faxon. A distinctive feature of this squash is that the ripe squashes vary in color, some of them being pale yellow while others are green, mottled and striped. The flesh is a deep orange yellow, cavity very small and seeds few. It matures early and can be used as a summer squash. It is the best winter variety, being a very late keeper. It is enormously productive, of medium size and the best possible quality. Per pkt. 5c., oz. 15c, 2 oz. 25c., ¼ lb. 40c., lb. $1.50.

Boston Marrow. A very popular variety, productive and a good keeper. Per pkt. 5c., oz. 10c., 2 oz. 15c. ¼ lb. 30c., lb. $1.00.

Perfect Gem. Excellent both as a summer and winter variety. Per pkt. 5c., oz. 10c., 2 oz 15c., ¼ lb. 30c., lb. $1 00.

Essex Hybrid or Turban. A cross between the Hubbard and Turban, with color, shape and quality of the latter, and dryness and hard shell of the former. The flesh is sweet and thick, and of a bright orange color; long keeper. Per pkt. 5c., oz. 10c., 2 oz 15c, ¼ lb 30c., lb. $1.00.

Hubbard Squash.

TOMATO. *Tomate*, Fr. *Liebes Apfel*, Gr.

For early crops, sow the seed in a hot-bed in March; when two inches high transplant into pots or into another bed, and attend them carefully until all danger from frost is past, then plant in a sheltered situation fully exposed to the sun, support them with brush to keep the fruit off the ground. For general crops the seed may be sown in the open ground at the end of April and transplant into hills four feet apart. This is a vegetable worthy of the most extensive cultivation.

Honor Bright—Livingston's New Tomato. *Its chief peculiarities* are its solidity, changes of color the fruit undergoes during development, long-keeping qualities after being picked, and its greenish yellow foliage.

The Vines are vigorous and bear profusely from early to late in the season, succeeding well on various soils.

The Clusters bear three to five large, symmetrical fruits on hard woody stems. The skin is crack-proof.

Its table qualities are excellent; the flesh, when fully ripe, being tender and melting, not hard as one might conclude from the solidity of the uncut fruit.

The color of the fruit, when fully ripe, is a rich bright red, but before reaching this stage it undergoes several interesting changes. First it is *light green*, then an attractive *waxy white*, then *lemon, changing to red.* One of the most attractive and handsomest varieties grown, and well adapted for home use and market, and on account of its solidity and long-keeping qualities, it is especially recommended for shipping. It can be shipped in barrels, like apples, if picked in the early stage of ripening, and will keep from one to four weeks if stored in a cool place.

Sold this season in packets only. Per pkt. 15c., 2 for 25c., 10 for $1.00.

Honor Bright Tomato.

Atlantic Prize. A well-known extra early variety; largely grown for first crop. The fruit is solid and of good quality. Per pkt. 5c., oz. 30c., 2 oz. 55c., ¼ lb. $1 00, lb. $3.00.

Atlantic Prize Tomato.

Early Ruby. Extra early. The peculiar open habit of the plant is a distinctive feature of this variety, the sun having a better chance to reach and ripen the fruit than in more compact and upright sorts. Per pkt. 5c., oz. 30c., 2 oz. 55c., ¼ lb. $1.00, lb. $3 00.

Imperial. (New). Early, perfectly smooth, solid and of finest quality; in color a deep rich red, tinted with purple. A handsome table variety, highly recommended. Per pkt. 5c., oz. 40c., 2 oz. 75c., ¼ lb. $1.25, lb. $4.00.

Livingston's Aristocrat. This fine new variety in habit and growth and foliage resembles the Dwarf Champion, the color of its fruit, however, is a beautiful rich, glossy red. Per pkt. 5c., oz. 40c., 2 oz. 75c., 4 oz. $1.25, lb. $4.00.

Livingston's Perfection. A well-known early variety, which is more extensively grown for canning purposes than any other Tomato; blood red color, perfectly smooth; ripens uniformly and is wonderfully productive. Per pkt. 5c, oz. 30c., 2 oz 55c., ¼ lb. $1, lb. $3.00.

Livingston's Favorite. Like the preceding, it is a popular canning variety of a fine dark red color. It ripens evenly, is very prolific, good flavor, flesh solid, and bears shipping long distances. Per pkt. 5c., oz. 30c., 2 oz. 55c., ¼ lb $1.00, lb. $3 00.

Ignotum. Very early and prolific; color fine deep red; fruit smooth, heavy and solid, and of delicious flavor. Per pkt. 5c., oz. 30c., 2 oz. 55c., ¼ lb. $1 00, lb. $3 00.

Royal Red. Main crop, very productive, of a rich deep red color, it is deservedly popular with canners and catsup makers. Per pkt. 5c., oz. 30c., 2 oz. 55c., ¼ lb. $1, lb. $3.

Mayflower. Very early; shape perfectly globular, slightly flat-headed and perfectly smooth; color glossy red, and ripens perfectly and evenly. Per pkt. 5c, oz. 30c, 2 oz. 55c. ¼ lb. $1.00, lb. $3 00.

Livingston's Beauty. Large, dark crimson, tough skin; fine market variety. Per pkt. 5c., oz. 30c, 2 oz. 55c., ¼ lb $1.00, lb. $3 00.

Dwarf Champion. Quite distinct in foliage and habit of growth; the leaves thick and different from any other; growth compact and upright. The crop ripens very early and evenly, and resembles the Acme in appearance. Per pkt. 5c., oz. 30c., 2 oz. 55c., ¼ lb. $1.00, lb. $3 00.

Favorite Tomato.

TOMATOES.—*Continued.*

	Pkt.	Oz.	2 Oz.	¼ lb.	lb.
The Stone. Large; bright scarlet; smooth and solid; ripens up to the stem without a crack; an excellent main crop variety	5	30	55	$1 00	$3 00
Volunteer. Moderately early; productive, and of fair size; bright red	5	30	55	1 00	3 00
Lorillard. Bright glossy red; smooth; of fine flavor and very early	5	30	55	1 00	3 00
Acme. Color glossy dark red, with a sort of purplish tinge; very smooth and solid	5	30	55	1 00	3 00
Mikado. Very large; smooth and solid; skin purplish red; has distinct and fine foliage	5	30	55	1 00	3 00
Golden Queen. Handsome, round, early and productive	5	30	55	1 00	3 00
Large Yellow. Similar in size and shape to the Large Smooth Red	5	35	60	1 00	3 00
Red and Yellow Pear-Shaped. A fine variety for pickling	10	50			
Yellow Plum. Round and smooth, used for pickles	10	50			
Red and Yellow Cherry. Best for pickling	10	50			
Strawberry or Ground Cherry. A very fine variety for preserving	10	60			
The Peach. Resembles the peach in size and color. An excellent preserving sort	10	50			

The special attention of Canners is directed to our selected stock of Tomato Seed.

We can also supply the following varieties: Canada Victor, Early Conqueror, Scovill's Hybrid, Trophy and Paragon at 5c. per pkt., oz. 30c., 2 oz. 55c. Plants of the leading varieties supplied. Prices on application.

TURNIP. *Navet*, Fr. *Rube*, Gr.

For early crops sow as early in the spring as the ground can be worked, in drills twelve inches apart, and thin to six or eight inches; for general crops to the middle of August. They succeed best in light, rich soil. Black, loamy soil produces the sweet-flavored ones.

Nimble Dick. Red Top Strap Leaf.

Early Nimble Dick. The earliest and most delicious table turnip in existence; bulbs medium size, flat; color pure white. Per pkt. 5c., oz. 10c., 2 oz 15c., ¼ lb. 20c., lb. 60c.

Early Flat White Dutch. Size medium, of quick growth, juicy, excellent quality. Per pkt. 5c., oz. 10c., 2 oz. 15c., ¼ lb. 20c., lb. 60c.

Purple Top Strap Leaf. Flesh fine-grained, rich and buttery flavored. Per pkt. 5c., oz. 10c, 2 oz 15c., ¼ lb. 20c., lb. 60c.

Bruce's Golden Ball. Skin bright yellow; flesh firm, sweet and well flavored. Per pkt. 5c., oz 10c., 2 oz. 15c., ¼ lb. 20c., lb. 60.

Early White Stone. A very fine variety. Per pkt. 5c., oz. 10c., 2 oz. 15c., ¼ lb. 20c., lb. 60c.

Laing's Improved Purple Top Swede. An excellent Turnip for rich, free soils, very handsome, with a peculiar leaf and small top. Per pkt. 5c., ¼ lb. 10c., lb. 30c.

White Swede. Flesh pure white, of extraordinary solidity and well flavored. Per pkt. 5c., ¼ lb. 10c., lb. 25c.

Sweet Basil. Sage. Sweet Marjoram. Summer Savory. Thyme.

POT, SWEET AND MEDICINAL HERBS.

IN PACKETS AT FIVE CENTS EACH.

	Per Oz.
Angelica	20
Anise	20
Balm	40
Basil, Sweet	40
Basil, Bush	40
Borage	30
Belladonna	50
Carraway	10

	Per oz.
Castor Oil Plant	20
Catnip	75
Coriander	10
Dill	20
Elecampane	50
Fennel, Sweet	20
Fenugreek	10
Henbane	50

	Per oz.
Horehound	40
Hyssop	30
Lavender	30
Marjoram, Sweet	20
Marjoram, Pot	50
Pot Marigold	50
Rosemary	75
Rue	50

	Per Oz.
Saffron	40
Sage	20
Summer Savory	15
Savory, Winter	25
Thyme	40
Wormwood	50

John A. Bruce & Co's Collection of Vegetable Seeds

For the convenience of customers who are unacquainted with the most suitable varieties, we put up the following collections, comprising only the finest sorts which we know from our long experience are best suited for the district or province for which they may be wanted.

A COMPLETE ASSORTMENT FOR ONE YEAR'S SUPPLY.

No. 1 collection	$1 00	by mail,	postage paid.
No. 2 collection	2 00	"	"
No. 3 collection	3 00	"	"
No. 4 collection	5 00	"	"
No. 5 collection	10 00	"	"

These Collections will be forwarded free by mail to any P. O. in the Dominion.

TREE AND HEDGE SEEDS.

Sow in the spring, just as soon as the ground is in good working condition, in beds three feet wide; then draw the soil with the back of the rake from the centre of the bed to a uniform depth of two inches. Sow the seed moderately thick and draw back the soil with the rake and evenly cover the seed to the depth of about two inches. Keep the beds free from weeds, and when the seeds begin to germinate, lightly cover the beds with pine boughs to shade the young plants from the sun. When all are up, the boughs should be gradually removed in order to harden off the young plants, and during the first winter cover the beds with pine boughs to protect the young plants from snow and the sun. Let the plants remain in the beds from two to three years, and then transplant into rows two and a-half feet apart, leaving six to nine inches between each plant. Keep the ground clean and mellow, and when the plants are strong enough remove them to where they are intended to remain.

Norway Spruce. We offer a large stock of transplanted stocky plants of the following sizes: 12 to 15 inches, $6.00 per 100; 18 to 24 inches, $10.00 per 100; 24 to 36 inches, $15.00 per 100; suitable for hedges and windbreaks. The above are home raised and altogether superior to imported plants. Orders are requested to be sent in by the 1st of May.

Norway Spruce	per oz.	15c,	per lb.	$1 00
Scotch Fir	"	20c,	"	1 50
Silver Fir	"	20c,	"	1 50
Juniper, Virginian	"	25c,	"	2 00
Sugar Maple	"	20c,	"	1 50
European Larch	"	25c,	"	2 00
Austrian Fir	"	20c,	"	1 50
Arbor Vitæ	"	25c,	"	2 00
Hemlock Spruce	"	50c,	"	6 00
Mulberry, Russian	"	30c,	"	2 50
Black Walnuts			Per bushel,	1 00

Any of the above can be supplied at 10c. per packet.

SEEDS FOR HEDGES.

Sow the following in the fall, if convenient. If sown in the spring, soak the seeds in tepid milk or water forty-eight hours before sowing, which will assist the germination of the seeds. Sow in drills two feet apart, and when two years old transplant into rows two and a-half feet apart and nine to twelve inches between each plant. Hoe frequently and keep free of weeds, and when two feet high transplant them to where you want them to remain.

Acacia, Three Thorned or Honey Locust. *(Gleditschia triacanthos).* Very hardy and effectual against man or beast; admirably adapted for the prairies	per oz.	10c.,	per lb.	$0 50
Buckthorn. *(Ramnus Catharticus).* Clean Seed	"	20c.,	"	2 50
Yellow Locust. *(Robinia pseudo acacia)*	"	10c.,	"	1 00
Osage Orange. *(Maclura Auriantiaca)*	"	10c.,	"	75
Berberry. *(Berberis Vulgaris).* Very hardy, producing a fine compact hedge, also valuable for its fruits, which is excellent for preserving	"	20c.,	"	2 00

FRUIT SEEDS.

Apple Seeds	per lb.	$0	50
Peach Seeds	"		30
Quince Seeds	"	2	00
Strawberry, choice kinds	per pkt.		25
Currants, Red, White and Black	"		15
Cherry Pits, Mahaleb	per lb.	$0	75
Pear Seeds	"	1	25
Plum Stones	"		30
Gooseberry, Red, Yellow and Green	per pkt.		25
Raspberry, Red and White	"		25

BIRD SEEDS.

Carefully cleaned, fresh and free from all impurities. If wanted by mail add 4 cents per lb. Special prices in quantity.

Canary	per lb.	$0	07
Maw	"		20
Rape, German Sweet	"		7
Hemp	per lb.	$0	07
Millet	"		5
Prepared Mocking Bird Food	per box,	$0	25
" Parrot Food	"		20
" Nestling Food	"		25
" Fish Food	"		15
Manna or Bird Bread	Per large cake,		15
Mite Exterminator	per box,	$0	25
Moulting Pepper	"		25
Bitters	per bottle,		25
Cuttle Fish Bone	per lb.,		50
Bird Sand	per large package,		10

Remember, if ordering Beans, Corn, Peas, Sugar Beets, Field Carrots, Mangels, Field Turnips, Broom Corn, Clovers, Grass Seeds, Rape, Sorghum, Sunflower and Bird Seeds to go by mail, add postage at the rate of 4 cents per pound or pint.

...Agricultural Seeds

In submitting our List of Farm Seeds we take pleasure in stating that our extensive stocks have been secured in excellent condition; they have, as usual, had the most careful supervision by our growers, from the time of planting until maturity, and may be depended on with reasonable degree of certainty to give satisfaction, when due allowance is made for imperfections of weather, soil and cultivation. The large increase annually in our trade with the farmers in all portions of the Dominion is an evidence of the superiority of our stocks, and of the personal attention we give to the interests of those who have, without intermission, patronized us so liberally.

Sugar Beets, Field Carrots, Mangels and Field Turnips to be forwarded by mail require postage to be added to Catalogue prices at rate of 4c. per pound.

SUGAR BEET.

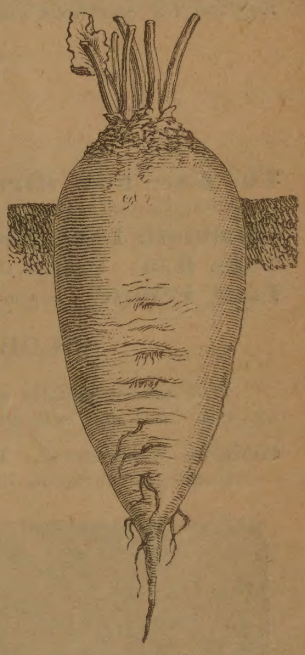
Sow from the middle of April to the first of June, in drills two feet apart, then thin to nine inches in the row. Five pounds of seed per acre. For milch cattle they are most valuable.

Per lb.

White Silesian. (Lane's Improved). Grows to a large size. Excellent for milch cows $0 25

Red Top Silesian. This is probably the largest and heaviest cropper 25

ABOVE VARIETIES IN 10 LB. LOTS 5 CENTS PER LB. LESS.



White Silesian Beet.

FIELD CARROT.

This is an indispensable root for the farm, and is deserving of more general cultivation. They succeed best on sandy soil; will also do well on strong clay loams, when perfectly pulverized, well drained and free from weeds. Well managed, there is no crop pays better, and most farmers would find an acre or so desirable. Sow from the middle of April to the first of June, in drills eighteen or twenty inches apart, and when about three inches high, thin to four inches between each plant. Sow three pounds of seed to the acre.

Mammoth Intermediate Smooth White.

Large White Vosges. The root is large and very thick at the shoulder, much shorter than the White Belgian and thus more easily harvested; skin and flesh pure white; a wonderful cropper and of excellent feeding quality. Per lb. 40c.

Mammoth Intermediate Smooth White. This grand new half-long Carrot is somewhat longer than the preceding and more uniform in shape. The flesh is pure white, solid, of the finest quality. Very productive and easily harvested; a good keeper. This Carrot is sold under numerous aliases; our name for it is simply descriptive of the appearance of the best of all field Carrots. Per lb. 40c.

White Belgian. (Improved). A well-known variety, of fine quality; most profitable for field culture. Per lb. 35c.

Long Orange Belgian. Superior in quality and a heavy cropper. Per lb 35c.

French Intermediate Scarlet. A very valuable variety for shallow soils. Per lb. 80c

Long Orange. Large fine quality, good for general crop. Per lb. 40c.

Altringham. Long, deep red color, excellent. Per lb. 80c.

MANGEL WURZEL.—Choice Selected Stocks.

LARGE QUANTITIES AT SPECIAL RATES.

This is one of the most important crops cultivated for consumption on the farm, and in the vicinity of large towns is found to be a profitable crop for marketing. It is of easy culture, the weight of roots grown exceeds that of any other crop, and properly supplied to stock is perhaps the most valuable and nutritious. One of its best properties consists in its adaptation for long and safe storage, by which it is improved, as roots securely put into pits or cool cellars in October will come out in the early part of May containing more nutritive qualites than when put in, forming an admirable substitute for grass in a late season.

The heaviest crops of this excellent root are invariably grown upon land which has been thoroughly cultivated and liberally manured.

The seeds should be drilled to secure a uniform depth, at the rate of five to six lbs. per acre. Sow from the middle of April to the first of June, in drills two-and-a-half to three feet apart, and thin to sixteen or twenty inches in rows. The intermediate, from its peculiar shape, may be allowed to stand closer than other varieties.

The Gate Post Mammoth Long Red Mangel.

For feeding milch cattle it stands unrivalled. An average crop is thirty tons, and on some of the sewage farms in England the enormous yield of eighty to ninety tons per acre has been grown.

MANGEL WURZEL.—LONG VARIETIES,—Section I.

The following are the best adapted for deep, rich, loamy soil:

	Per lb.	In 5 lb. lots. Per lb.
The Gate Post (Bruce's.) A select stock of the Mammoth Long Red. Roots remarkably large, smooth, and perfect in shape. The most profitable of the Long Red Varieties	$0 20	$0 15
Mammoth Long Red. A well-known and popular strain	20	15
Long Red. Medium size, of good quality	20	15
Long Yellow. A good variety, producing large roots	20	15

GLOBE AND INTERMEDIATE SHAPED VARIETIES.—Section II.

Will succeed equally well with the above on light soils, but from the peculiar shape of the bulb may be grown on strong and even hard land with advantage, where the former would fail to yield a satisfactory crop.

Golden Tankard. Flesh golden yellow. This Mangel contains more saccharine and a higher proportion of flesh forming constituents than any other Mangel. Per lb. 20c, in 5 lb. lots per lb. 15c.

Giant Yellow Intermediate Mangel.

Giant Yellow Intermediate. This is a new and distinct strain of the intermediate type; the enormous size of the roots, their handsome shape, bright, smooth, yellow skin, while the flesh is of the most solid texture and nutritious quality, makes it the most valuable introduction of recent years. Per lb 20c, in 5 lb. lots per lb. 15c.

Yellow Intermediate. Large, solid, good keeper. Per lb. 20c, in 5 lb. lots per lb. 15c.

Red Fleshed Tankard. In shape it resembles the Golden Tankard; is large, solid and nutritious. Per lb. 20c, in 5 lb. lots per lb. 15c.

Mammoth Red Intermediate. Yields enormously. Per lb. 20c, in 5 lb. lots per lb. 15c.

Yellow Globe. Very large and productive. Per lb. 20c, in 5 lb. lots per lb. 15c.

Warden Orange Globe. Similar to preceding, darker in color; fine quality; a grand keeper. Per lb. 20c, in 5 lb. lots per lb. 15c.

Red Globe. Large and fine. Per lb. 20c, in 5 lb. lots per lb. 15c.

TURNIP SEEDS.

LARGE QUANTITIES AT SPECIAL RATES.

The Turnip is now one of the most important crops grown on the farm, and its success, no doubt, depends greatly on the preparation of the soil and the judicious application of manures, but not less so on the quality of the seed and the care exercised in the selection of the bulbs from which the seed is saved. Impressed with this fact, we have for many years paid special attention to the growth of Turnip Seed, and the increased demand we experience each successive season, as well as the gratifying accounts we receive from all parts of the Dominion as to the excellence of our Turnip Seed, affords us satisfactory evidence of the superiority of our stock, and the success that has attended our efforts.

Bruce's Selected East Lothian Purple Top. This fine variety has been carefully selected and improved so as to obtain a globular shaped root, free from the least tendency to coarseness; it is particularly adapted to the richer description of soils, and for long keeping qualities cannot be surpassed. Per lb. 20c, 5 lb. lots per lb. 18c.

Hall's Westbury. A well-known standard purple top variety; handsome appearance, large and solid, a grand keeper, and possibly the best shipping Turnip grown. Per lb. 20c, in 5 lb. lots per lb. 18c.

Carter's Elephant Swede. A handsome tankard-shaped Swede, which matures early. The upper part of the root is dark purplish crimson, the flesh deep yellow, solid and nutritious, producing more weight to the acre than any other variety. Per lb. 25c, in 5 lb. lots per lb. 20c.

Hall's Westbury Swede.

Bangholm Purple Top. A very large and handsome variety. Per lb. 20c, in 5 lb lots per lb. 15c.

Hartley's Bronze Top. Small neck and single tap root; very rich in quality and a first-rate keeper. Per lb. 25c, in 5 lb. lots per lb. 20c.

Fettercairn Green Top. Will keep sound longer than any other variety; fine quality. Per lb. 25c, in 5 lb. lots per lb. 20c.

White Swede. Remarkable for its nutritious properties, hardiness and long keeping. Per lb. 25c, in 5 lb. lots per lb. 20c.

Bruce's Selected East Lothian Swede Turnip.

Carter's Imperial Purple Top. One of the hardiest and best keepin Swedes. Per lb. 20c, in 5 lb. lots per lb. 15c.

Marquis of Lorne Purple Top. This is a highly improved variety of the East Lothian type, produces a large weight per acre, and is very hardy. Per lb. 20c. in 5 lb. lots per lb. 18c.

Royal Norfolk Purple Top. A heavy cropper and a good keeper. We consider this variety one of the best on our list for strong, heavy land. Per lb. 20c, in 5 lb. lots per lb. 15c.

Drummond's Purple Top. A selected Scotch variety of great excellence, globular in shape, large, solid and of finest quality. Per lb. 25c, in 5 lb. lots per lb. 20c.

Skirving's Improved Purple Top. This is a most robust grower and heavy cropper, but runs to neck on rich ground. Per lb. 20c, in 5 lb. lots per lb. 15c.

Sutton's Champion. A purple topped variety, recommended for size and fine quality. Per lb. 20c, in 5 lb lots per lb. 15c.

Sharpe's Improved Purple Top. A very heavy cropper, with small top, thin neck. Per lb. 20c, in 5 lb lots per lb. 15c.

Carter's Elephant Purple Top Swede.

TURNIP SEEDS—*Continued.*

YELLOW FLESHED TURNIPS.

May be sown from the first week in July to the middle of August, either after it is considered too late for Swedes or on land of not sufficient good quality to produce Swedes, or when there is absence of a supply of manure.

Green Top Yellow Aberdeen, or Bullock. A hardy and excellent variety. Per lb. 25c., in 5 lb. lots per lb. 20c.

Purple Top Yellow Aberdeen, or Bullock. Similar in quality to above. Per lb. 25c., in 5 lb. lots per lb. 20c.

WHITE FLESHED TURNIPS.

The varieties embraced in this class may be sown still later than the preceding, say from the middle of July to the end of August.

White Globe. Grows very large; is early and of fine quality. Per lb. 20c., in 5 lb. lots per lb. 15c.

White Stone or Stubble. A well-known and excellent variety. Per lb. 50c., in 5 lb. lots per lb. 45c.

Improved Grey Stone Turnip.

	Per lb.	In 5 lb. lots Per lb.
Grey Stone. Grows to an immense size; is early, hardy and of excellent quality	20	15
Improved Purple Top Mammoth. Grows to a very large size, and keeps well	20	15
Red Top Strapleaf. A Rapid grower; valuable variety for late sowing	50	45

LARGE QUANTITIES AT SPECIAL RATES.

Angel of Midnight.

BARLEY.

PRICES ON APPLICATION.

Improved Six-Rowed. Carter's Prize Prolific Two-Rowed. Duckbill.

BEANS—WHITE FIELD.

PRICES ON APPLICATION.

Where the soil is suitable, beans will be found a most profitable crop to grow, and at the same time there is nothing better for keeping the ground clean. We offer the following varieties at market rates:

Tree Bean.
Medium, or Navy Bean.
Boston Small Pea Bean.
Marrowfat Bean.
California Yellow.

BUCKWHEAT.

PRICES ON APPLICATION.

Common Grey. Japanese. Silver Hull.

BROOM CORN.

Succeeds in good deep soil; it is very sensitive to cold.

Long Bush Evergreen ..... Per lb. 20c.

CORN—FIELD VARIETIES.

Compton's Early 12-rowed Yellow. From its earliness and productiveness, this variety has given great satisfaction; it is also highly recommended as a fodder corn. Per bushel, shelled $1.00.

Angel of Midnight. This is an extra early 8-rowed Yellow Flint variety; the grains are very large and compactly set on a very small cob. Per bushel, shelled, $1.00.

Early 8-rowed Yellow Flint. A well-known variety. Per bushel, shelled, $1.00.

Early White Flint, 8-rowed. A very profitable variety. Per bushel, shelled, $1.00.

Longfellow. A most desirable 8-rowed Yellow Flint variety. Per bushel, shelled, $1.00.

We were awarded a Diploma and Medal at the World's Fair Exposition in Chicago, 1893, for the fine quality of our exhibit of Oats, Peas, Rye, Millet and Timothy Seeds.

Our Stocks of all kinds of Grains, Clovers, Grass and Field Seeds are of fine quality. Purchasers should write for our prices.

CORN—FOR FODDER AND ENSILAGE PURPOSES.

Our list of Corns embraces all the varieties that careful experiments have demonstrated to be the most valuable for cutting, for green fodder, and for use in the Silo for winter feeding. Dairying has become such an important industry in Canada, that any new introduction that tends to increase the product of the cow is sure to attract attention, and for this reason dairymen are close observers of the varieties that produce the best results. For cutting green we believe the Evergreen Sweet Corn will be found the most valuable on account of its richness, while the Dent varieties are better adapted for the Silo as they are less liable to become sour. **The Corn we offer has been specially grown for seed and the germination carefully tested.**

Mammoth Red Cob Ensilage. A well-known variety of great productiveness and most nutritious quality. Per bushel, shelled, 60c.

Mammoth White Cob Ensilage. Similar to the preceding in every respect. Per bushel, shelled, 60c.

Red or Yellow Western Horse Tooth Per bushel, shelled, 50c.

New White Cap Yellow Dent. Expert Corn growers pronounce it a perfect field corn, as to yield, size of ears, color, size of cob, and growth of fodder. It matures in 90 to 95 days, and it is claimed for it that no corn in the world will yield as well on poor, thin land and none stand the drought as well. Per bushel, shelled, 80c.

Pride of the North or Early Golden Dent. A very early Dent variety, ripening with the Flint sorts; the ears have from 14 to 16 rows and average 8 to 10 inches in length; the stalks are small, with fine broad leaves. Per bushel, shelled, 80c.

Improved Leaming. A good variety for withstanding drought by reason of its earliness in maturing, strong and vigorous growth, and its stocky, leafy nature which enables it to stand until ripe. Per bushel, shelled, 75c.

Early Mastadon. It is claimed for this Early Dent variety that it has the largest number of rows on cob and the longest grains of any corn so far originated. It is a strong and vigorous grower and comes to maturity in about 100 days. Per bushel, shelled, 80c.

Evergreen Sweet Fodder Corn. This is the sweetest and most nutritious of all the fodder varieties and will be found most valuable for cutting and using as green fodder. Per measured bushel, shelled, $1.00.

Sanford. The best of all the White Flint varieties; it is very early, has abundance of leaves and is suitable alike for green fodder or ensilage purposes; we highly recommend it. Per bushel, shelled, 85c.

King of the Earlies. Claimed to be the earliest of the Dent varieties; a strong grower and heavy cropper. Per bushel, shelled, 85c.

Extra Early Huron Dent. Of a bright orange color, has good sized stalk and ear, small red cob, long deep grain, and the only smooth, very early Dent Corn we know of. Per bushel, shelled, 85c.

Cloud's Early Yellow Dent. Early, strong and vigorous, growing from 8 to 10 feet high, producing large, handsome ears, with unusually deep grains. This is a remarkably prolific corn, and should be largely grown. Per bushel, shelled, 85c.

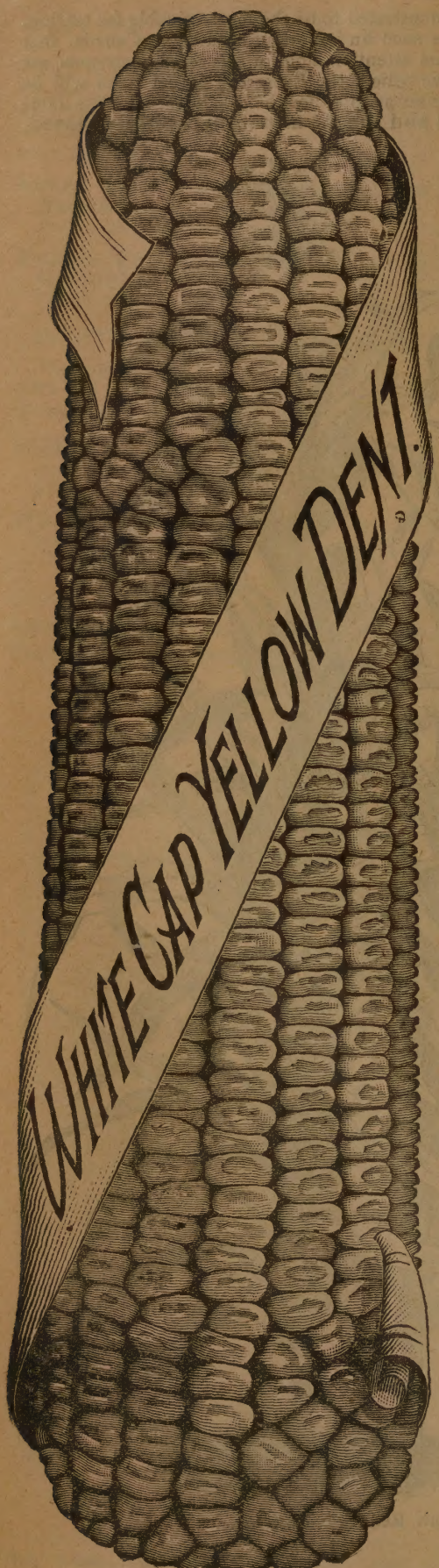
Thoroughbred White Flint. Of spreading habit; not more than one kernel should be planted in a hill. Its great suckering habit, breadth of blade and smallness of stalk, recommend it as a fodder plant, while for ensilage purposes it is most valuable. Per bushel, shelled, $1.00.

Mammoth Red Cob Ensilage.

Early Butler Dent. The fodder of this new sort grows up strong and rank. It roots deeply and withstands drought to a remarkable degree. Ears of good size. Matures in 90 to 100 days; highly recommended. Per bush. shelled, 80c.

Prices of Corn not Guaranteed, being subject to Market Fluctuations.

CORN FOR FODDER—*Continued.*



Kaffir Corn. A non-saccharine sorghum fodder plant. It grows from 5 to 6 feet high, is stocky and erect and has wide foliage. It produces 2 to 4 heads of grain on each stalk, and has the quality common to all sorghums, of resisting drought. It has yielded paying crops of grain and forage, even in dry seasons, when corn has utterly failed. Compared with other sorghums the Kaffir is found to be early, abundant in yield, reliable in all seasons and a superior crop for both quantity and quality of its product. Its low and manageable growth, ease of cultivation and harvesting are points distinctly peculiar to it, and in addition to these it is well proven to be less exhaustive to the land. Grown in this vicinity it has given the most satisfactory results. Sow in drills, five pounds of seed to the acre, and cultivate the same as common corn; or broadcast, half bush. to the acre. Per lb. 10c.; per 5 lbs. 25c.; per 100 lbs. $3.00.

If wanted by mail, add postage, 4c. per lb. Kaffir Corn.

The large increase in our home and foreign trade made it imperative for us to introduce into our premises the most modern machinery, which is run by Electric power, and we have now the perfection of appliances for turning out superior samples of Seed Grain, Clovers and Grass Seeds. Increased sales and the complimentary references to the quality of our shipments has been ample compensation for our expenditure in this department; and our long connection with the best growers in the seed producing districts give us exceptional advantages in securing the best samples offered.

CLOVER SEEDS.

Few seeds vary so much in quality as Clovers, and it is of the utmost importance to the Agriculturist to procure really good seed, clean and free from weeds, and though such samples necessarily command higher prices than secondary qualities, we invariably send out the very best we can procure, unless otherwise ordered. Fine samples, however, sow further, are cheaper, and are the most satisfactory in the end.

Clover Seeds being subject to constant variations, prices will be ruled by the Market. Special prices by the bushel.

	Per lb.
Common Red. A well-known variety	15
Mammoth Red or Pea Vine. Valuable for ploughing under for manure	15
Yellow or Trefoil. Valuable for pasture	15
White Dutch. Highly esteemed for permanent purposes	25
White Dutch. Extra, selected for lawns	30
Lucerne or French Clover. This is an invaluable and certain crop as green feed for horses and cattle, and one of the best forage plants for withstanding drought. It should be sown from the middle of April to the middle of May, in drills twelve inches apart, and may be cut three or four times a year. It thrives upon any soil where drainage is good, and as the roots penetrate the soil to a great depth, reaching the moisture, it continues green in the driest weather. Sow 15 or 20 pounds per acre	15
Alfalfa or Chilian. Same as preceding	15
Bokhara. *(Melilotus Alba.)* A very vigorous growing variety; blooms early in August; about 2 feet high. Sow in spring. The flowers are white and very sweet scented, very valuable for bees	15
Alsike. *(Trifolium Hybridum.)* Excellent for low lands	15

CLOVER SEEDS—*Continued.*

Crimson Clover.

Per lb.

Crimson or Scarlet Clover. *(Trifolium Incarnatum.)* Is an annual. The great mission of **Crimson Clover** is to furnish an abundance of most nutritive forage at seasons when our pastures are dead. It is the source of an unfailing supply of manure—in fact, *it solves the problem of cheap manuring.* Improves poor lands and restores to fertility those that have been worn down by excessive cropping. **Crimson Clover** grows at all times except when the ground is frozen. May be planted in spring, summer and fall. Splendid for reseeding Red Clover that has been winter killed. This Clover is extensively grown in the United States, and we give the latest methods adopted there for its cultivation, etc. Sow 12 to 15 lbs. broadcast per acre, cover light. All soils and situations seem to suit it—try it on your poorest. If sown early, it makes superior fall and spring grazing, and afterwards a good crop to mow. It is about 15 days earlier than Red clover, and as a fertilizer, one acre represents as much value as twenty tons of stable manure.... 15

GRASS SEEDS.

Greater attention is being given yearly to the improvement of pastures, and it has been found that where a mixture of permanent grasses has been added to Clover and Timothy, which have heretofore been almost the only seeds used, a better heat resisting sod and a richer and more lasting pasturage has been secured, and the result is of the utmost importance in our dry, hot climate. Many of the grasses contained in our list will be found invaluable for this purpose.

PRICES SUBJECT TO MARKET FLUCTUATIONS. SPECIAL PRICES BY THE BUSHEL.

Per lb.

Agrostis Vulgaris, or Red Top Grass. A valuable native permanent grass, growing in almost any soil, moist or dry, and standing well our hot climate. Sow 2 bushels to the acre ; weight per bushel, 14 lbs..... $0 25

Anthoxanthum Odoratum, or Sweet Vernal Grass. For a mixture with pasture grasses it is valuable on account of its vernal growth, and for the fragrant odors which the leaves omit when dry ; sow 35 lbs. to the acre. 30

Festuca Pratensis, or Meadow Fescue. A highly valuable species for permanent grass lands ; it does not, however, attain its full productive power till the second or third year, when it exceeds most other sorts in the quantity of its productive and nutritive matter ; relished by stock both in hay and in pasture. Sow 40 lbs. to the acre..... 15

Dactylis Glomerata, or Orchard Grass. A valuable Grass on account of the quality of nutritious feed which it yields, and the rapidity with which it grows after being cut or grazed ; it is well adapted for growing under trees or in orchards. If allowed to stand for hay it has rather a coarse appearance, but if grazed it always has a fresh green hue. Sow 2 bushels to the acre ; weight per bushel, 14 lbs..... 20

Foxtail Meadow. *(Alopecuris Pratensis.)* One of the best grasses for permanent pastures, possessing the three great requisites of quantity, quality and earliness ; it is particularly adapted for moderately stiff clay and heavy soils. 45

Orchard Grass, or Cocksfoot.

Lolium Italicum, or Italian Rye Grass. One of the most valuable grasses in Europe, being considered the best grass to cut green for soiling, affording repeated large and nutritive crops ; we recommend it here for use in pasture mixture. Sow 3 bushels to the acre ; weight per bushel, 18 lbs..... 13

Lolium Perenne, or English Rye Grass. One of the staple grasses of Great Britain, entering largely into the composition of most of the richest meadows and pastures. Sow 3 bushels to the acre ; weight per bushel, 22 lbs..... 10

Phleum Pratensis, or Timothy. A grass so well known needs no description. Sow 15 lbs. per acre..... 10

Poa Pratensis, or Kentucky Blue Grass. It thrives on a variety of soils, but does best in dry and somewhat shady locations ; very valuable, as it will stand the hottest summers. Sow 3 bushels to the acre ; 14 lbs. per bushel..... 20

Oat Grass. *(Avena Elatior.)* Is most valuable for pastures on account of its early and luxuriant growth ; it produces an abundant supply of foilage, which is relished by cattle early and late in the season 30

Sainfoin. *(Hedysarum Onobrychis.)* A useful fodder plant.. 15

Bruce's Mixture of Permanent Grasses and Clover Seeds for laying down Land to Pasture.

When ordering Permanent Grass Seeds it is necessary that our customers should describe the nature and situation of the soil, subsoil, etc., and state whether they are to be sown with or without crop. Our mixtures are composed of the best Clovers and Grasses, and arranged in proper proportion to suit the various soils for which they are intended, our aim having always been to *produce a rich and nutritious herbage in the shortest possible time.* Quantity per acre, 25 lbs. Price per acre, $2.50 to $3.00 according to quality.

Below we give the Ontario School of Agriculture (Guelph) *formula* of Grasses and Clovers for Permanent Pastures :—

Six lbs. Meadow Fescue, 3 lbs. Timothy, 2 lbs. Canadian Blue Grass, 3 lbs. Orchard Grass, 3 lbs. Red Top Grass, 4 lbs. Lucerne Clover. 1 lb. White Dutch Clover, 1 lb. Alsike Clover, 2 lbs. Red Clover ; total, 17 lbs. Grasses, and 8 lbs. Clovers, being the quantities required for an acre. Price, $3.00 for 25 lbs. ; per lb. 15c. Reduced prices for large quantities.

Bruce's Select Mixture of Grass Seeds for Lawns.

The annual increase in our sales of Lawn Grass Seeds is the best assurance of its superiority; and the testimony of those who have used it justifies our claim that it is the most perfect mixture in use for Lawns, Croquet, Cricket and Lawn Tennis Grounds. Price per lb. 25c., or postpaid 30c. per lb. Special price for large quantities.

Our Mixture is composed of grasses specially selected to produce a close evergreen sod, calculated to withstand to the best advantage the summer heat, and sufficiently hardy to live through the extreme frosts of our northern winters. The greatest care is exercised in the selection of our grass seeds to use only such samples as are absolutely free from weeds, as it is generally found in the preparation of a new lawn that weeds indigenous to the soil are too plentiful without sowing them in a lawn mixture. A top dressing of thoroughly rotted manure in the fall, and a good sprinkling of bone dust in the early spring, with the addition of a light seeding, are great aids in the preservation of the sod. Sixty pounds of seed is sufficient for an acre, and one pound will sow a plot 15 by 20 feet, or 300 square feet.

OATS.

A CHANGE OF SEED ALWAYS PAYS.

Scotch Grown Oats—Pedigree Stock. For some years we have made a specialty of importing these, and they have given general satisfaction. This season we offer the following :

Black Tartarian. The best black variety in cultivation.
White Potato. Very early. The grain plump and heavy.
White Hopetoun. Not quite so early as the Potato.

These oats weigh over 40 lbs. per measured bushel.

Prices—5 lbs., postpaid, 50c. ; per peck, 35c. ; per bushel (34 lbs.), $1.00.

		Bushel.
Black Tartarian.	First year, from imported seed	$0 45
Black Tartarian.	Ordinary good stock	35
Black Goanette.	Very productive ; best suited for heavy lands	35
Giant Swedish, or Golden Giant Side Oat.	Grows from 4 to 5 feet high, with strong, yellow, bright straws ; panicles are of great length and the grains closely set, and enormously productive, many heads having been found containing over 250 grains	35
Holstein Prolific.	This is a White Oat with large branching open head ; grows 4 to 4½ feet high, with fine clean bright straw ; panicle close and complete, completely covered with close set grains	40
White Australian, New Zealand, or White Russian		35
Triumph, or English White Cluster.	A very early sort	35
American Banner.	The grain is of medium size, plump and even, and the straw stands up well. We recommend it highly	35

PRICES SUBJECT TO MARKET FLUCTUATIONS.

MILLETS.

PRICES ON APPLICATION.

Annual forage plants, valuable for furnishing green fodder and hay, in from sixty to ninety days from sowing, producing on good soils an extraordinary yield of excellent forage, highly relished by stock. All varieties should be cut in the blossom. Sow from one-half to three-quarters of a bushel per acre.

Common Millet. (*Panicum Miliaceam*). Very early; height, two to three feet; foliage very broad and very abundant; heads very open, branching panicles; seeds glossy; oval and somewhat flattened.

German, or Golden Millet. Medium early; height from three to five feet; heads closely condensed; spikes very numerous; seeds round, golden yellow, in rough bristly sheaths.

Hungarian (Grass) Millet. (*Panicum Miliaceam*). Early; height two to three feet; abundant foliage and slender head; withstands drought and yields well on light soils.

PEAS—Field Varieties.

PRICES ON APPLICATION.

The Mummy. A large and prolific variety; straw strong and erect, bearing the pods in clusters on the crown.

Centennial. A grand Pea; extra large and most productive.

Crown. Pods in clusters on crown or top of stock; prolific.

Golden Vine. A standard variety.

Blue Prussian. Very prolific.

Grass. A good variety; impervious to bugs.

Marrowfat, White. A well-known variety.

Marrowfat, Black-Eyed. A well-known variety.

RAPE.

Largely grown for soiling purposes; it is also excellent food for sheep, and is strongly recommended as a most profitable crop for stock raisers to grow. Sow at the rate of six pounds of seed per acre, and successional sowing, beginning in May, will insure crops from August onward.

Broad-Leaved Essex..... Per lb. 10c., in 10 to 25 lb. lots 7c. per lb., in 100 lb. lots $6.00

Flax or Linseed, for sowing or feeding. **FLAX SEED MEAL.** **Ground Oil Cake,** for feeding.

PRICES ON APPLICATION.

Spring and Fall (re-cleaned). **RYE.** *PRICES ON APPLICATION.*

SORGHUM.

Early Amber Sugar Cane. Ripens when Indian Corn matures..... Per lb. 15c.

SUNFLOWER.

Common..... Per pkt. 5c., per ¼ lb. 10c., per lb. 15c.

Large Russian..... " 5c., " 10c., " 15c.

Spring, Black. **TARES.** *PRICES ON APPLICATION.*

TOBACCO SEED.

Connecticut Seed Leaf..... Per pkt. 5c., per oz. 40c.

Best, 25c. each; $2.50 per dozen. **COTTON BAGS.** Good, 20c. each; $2.00 per dozen.

SPRING WHEAT.

Manitoba White Fife. A well-known and popular variety.

Manitoba Red Fife. A well-known and popular bald variety.

Lost Nation, or White Russian. A bald, smooth head; grain amber color.

Manitoba Spring. A variety introduced some years ago from Manitoba; head bearded; grain large and plump.

Wild Goose. A most productive variety; head bearded with white chaff; straw very stiff, grain very hard and flinty; midge proof.

PRICES ON APPLICATION.

FALL WHEAT.

New Diamond Grit.
New Oatka Chief.
New Arcadian.
Bearded Winter Fife.
Long Amber.
Pride of Genesee.
Genesee Giant.
White Leader.
Red Clawson.
American Bronze.
Dawson's Golden Chaff.

Our Fall Wheat Circular, which we publish in August, will contain a list of the best varieties of recent introduction, and will be mailed to all Applicants.

FLOWER SEEDS.

A FEW BRIEF PRACTICAL DIRECTIONS ON THEIR MANAGEMENT.

To be successful in the raising of plants from seeds requires much greater care than is commonly exercised, and many packets of valuable seed are annually destroyed for the want of a little skill and forethought. Inattention to, or want of skill in watering, is undoubtedly the main source of failure, *a single hour of a dry surface at certain stages of germination being sufficient in many cases to destroy life.* Amateurs especially are reminded that there can be no fixed time for watering; *the surface of the soil must never be allowed to become quite dry, neither must it at any time be decidedly wet,* and to maintain this intermediate state is one of the essential conditions of success.

FLOWERING PLANTS ARE USUALLY DIVIDED INTO THE FOLLOWING SECTIONS.

ANNUALS, BIENNIALS, PERENNIALS.

Annuals. Plants which require to be sown annually, as they live and bloom only one season.

Biennials. Plants which do not bloom until the second season after sowing, remain a certain time in perfection and then die. They are produced from seed, and some of the finest varieties are continued by cuttings.

Perennials. Plants which continue to grow and bloom annually.

Annuals are called either *hardy*, *half-hardy* or *tender*. Hardy annuals will grow and blossom in the border without any artificial heat or protection, and may be sown during the months of May and June. The soil should be well prepared and neatly levelled, and the seed sown either in small patches each kind by itself, or in drills. In about a month, more or less, many of them will be fit to transplant, which should always be performed in cloudy or rainy weather.

Half-hardy annuals are applied to those annuals which, although they will flower freely in the open ground, require artificial heat to assist germination, and protection from atmospheric changes during the earlier stages of their growth. Many of them are of great beauty and interest, and derive an additional value from flowering after most of the hardy annuals are out of bloom.

Tender annuals require the aid of a green-house or conservatory to bring them to perfection. The seeds are generally sown in March, placing them in a warm part of the green house or plunging them into a moderate hot-bed, carefully protecting them from cold, shading them from the sun and watering them with a fine rose watering pot.

Biennials and Perennials may be sown at the same time as Annuals of the same degree of hardiness and treated similarly, except such of the hardy kinds as do not bloom the first year. These last may be thinned out or removed from the seed beds as soon as they are well rooted, and planted either in different parts of the garden, or into a nursery bed, in rows a foot or more apart. Some Biennials and Perennials may be sown in September, or as soon as the seeds are ripe, and if the plants get strong enough before the setting in of winter, most of them will flower the next summer.

On the Preparation and Management of a Hot-Bed for Raising Seedlings.

"Sow in heat, sow in hot-beds," are the directions so commonly found in the notices of half-hardy annuals, that we feel that we shall be materially aiding those who are their own gardeners if we give a few simple directions on the subject of hot-beds composed of stable manure, the most frequent and useful form in which it is to be found.

The preparation of the dung is a matter of great importance, and if the bed be expected to retain its usefulness for any length of time, it should be well worked previous to being used. If obtained fresh from the stable yard, and found to be dry, it should be well watered and thrown lightly together to ferment. This will take place in the course of a few days, and three or four days afterwards it should be completely turned, well shaken and mixed, keeping the more littery portion to the interior of the heap; a second watering and turning may be necessary, although one will be generally sufficient. When thus cleansed of its rankness the bed may be made.

The situation for this should be dry underneath, sheltered from the north as much as possible, and fully exposed to the sun; it should be built from two feet six inches to four feet high, and wider by six inches every way than the frame to be placed upon it. The dung should be well shaken and mixed up while being put together, and firmly pressed with the foot. The frame should be kept closed until the heat rises, and three or four inches of sifted sand or ashes should be placed on the surface of the bed. In a few days it will be ready for use; but air should be given night and day while there is any danger of the rank steam, and if the sand or ashes are drawn away from the side of the bed they should be replaced.

Floral Collections by Mail---Postage Paid.

The following assortments are more especially adapted for culture by the amateur, and are composed of such varieties which with ordinary care will give a wealth of bloom during the summer and fall months. To induce those who so far have never made a trial of raising flowers from seed, we have priced these special collections much below regular rates.

COLLECTION A

Comprises Asters, Balsams, Calliopsis, Candytuft, Mignonette, Morning Glory, Nasturtiums, Poppy, Portulaca and Sweet Peas. **10 Choice Varieties, 25c.**

COLLECTION B

Comprises Sweet Alyssum, Asters, Balsam, Corn Flower, Chrysanthemums, Clarkia, China Pink, Eschscholtzia, Marvel of Peru, Marigold, Mignonette, Nasturtiums, Pansy, Poppy, Petunia, Phlox Drummondii, Scabiosa and Sweet Peas. **18 Choice Varieties, 50c.**

COLLECTION C

Comprises Truffaut's Asters, Camellia Balsams, Carnations, Double Pinks, Gaillardia, Mignonette, Nasturtiums, Choice Pansy, Choice Petunia, Phlox Drummondii Grandiflora, Saponaria, Choice Stocks, Sweet Peas, Choice Verbenas and Zinnias. **15 Extra Fine Varieties, 75c.**

COLLECTION D

Comprises the leading novelties—Japanese Aster, Branching Aster, Nasturtium Liliput, Liliput Roses, Cupid Sweet Peas, Red Riding-Hood Sweet Peas, Imperial Japanese Morning Glory, Golden Machet Mignonette and Gold Ring Marigold. **9 Newest Varieties, $1.00.**

FLORAL NOVELTIES FOR 1897

THE DESCRIPTIONS GIVEN ARE THOSE OF THE RAISERS.

NEW JAPANESE ASTERS.

The beautiful flowers of this new strain of Asters offer a most striking contrast to those of any other variety. They are of immense size, measuring from five to six inches across, with long petals curiously waved and curled, so as to give them a striking resemblance to the most disheveled Japanese Chrysanthemums. It is a vigorous growing plant, fourteen or fifteen inches high, well branched, and producing quite a number of those enormous flowers.

It has obtained a first-class certificate from the French National Horticultural Society, which it well deserves, as may be seen by the accompanying engraving, which is a true representation of it.

We offer two beautiful colors—**Flesh Colored and Rose**—each separate or both **mixed.** Per pkt. 15c.

Japanese Aster.

ASTER GIANT COMET, THE BRIDE.

White, changing to rose, is the nearest description one can give of this very lovely coloring, the flowers being firstly pure white, then white changing to rose and finally of a beautiful rose tint. The color is like that of the Japanese Chrysanthemum. Per pkt. 25c.

Our Grand Collection of Novelties in Sweet Peas, 7 Varieties on Page 37, for 70c..

Aster Giant Comet, The Bride.

ASTER PRINCESS, ROSALIND.

It is the first colored variety of the well-known Snowball Aster. It has the same habit, the same round, short-petalled Liliput Dahlia-like flowers, is just as floriferous and continues as long in bloom as the Snowball. The blossoms being of a most charming bright rose color, the whole plant possesses a beauty and elegance which few other Asters can rival. Per pkt. 15c.

LATE BLOOMING BRANCHING ASTER.

The term "branching" as applied to this Aster is particularly appropriate, as it fitly describes the habit of the plant, throwing out its branches so numerously as to make it a marked feature. The flowers are large, exceedingly graceful and handsome, and are borne erect on very long stems. The broad, wavy petals are gracefully curled or twisted. The time of bloom is later than all other varieties of the Aster tribe, and this gives the plant special value, for its flowers are produced at a time when there are comparatively few, either of annuals or perennials, still in bloom in the garden. Pure white, per pkt., 15c,; all colors, in choice mixture, per pkt., 15c.

ASTER, LADY IN WHITE.

Two features distinguish this Aster from all others existing, a hitherto unapproached freedom of flowering and a perfectly distinct foliage, which is of a long and very narrow shape, and a striking light green color. The flowers are elegantly borne on very slender stalks and have exactly the same graceful and semi-globular form as the Mignon. It flowers early and continues, gradually developing its flowers, until very late in the autumn. Per pkt., 15c.

FLORAL NOVELTIES—*Continued.*

Nasturtium Liliput.

NASTURTIUM LILIPUT.

(Tropaeolum Lobbianum compactum.)

An entirely new class of Dwarf Nasturtiums. The plant is in every respect smaller than the Tom Thumb, and the dainty little flowers, produced in the greatest profusion and jauntily peering up well above the small-cut and bushy foliage, make it one of the prettiest annuals imaginable.

The blossoms appear in the most various and showy colors, and it is especially noteworthy that some quite new shades appear among them, such as are not represented in the old class. This feature and the further one that the seed is much smaller than the Tom Thumb Nasturtium, and similar to that of the Lobbianum section, are the best evidences that we have here to do with an entirely new break in the Tropaeolum family. Per pkt. 15c.

MIGNONETTE, GOLDEN MACHET.

All the excellences peculiar to the justly popular Machet Mignonette, recognized by every raiser as the best for forcing and pot culture, are possessed also by this new variety. The plants are of strong compact habit, with large crinkled leaves peculiar to the Machet, and bear long massive spikes crowded with golden yellow blossoms, of which the annexed cut gives a fair representation. This novelty is as valuable as it is distinct, and cannot fail to attain a great popularity. Per pkt. 15c.

CARNATION GIANT MARGUERITE.

A new strain which, while it retains the noted earliness of the popular Marguerites, produces flowers of nearly double the size, which, combined with fine form, diversity and richness of color, makes it a most valuable and beautiful acquisition. All colors in splendid mixture, per pkt. 25c.

Golden Machet Mignonette.

Single Marigold Gold Ring.

LILIPUT ROSES.

ROSA MULTIFLORA NANA.

This new dwarf Polyanthus Rose flowers the first season from seed sown in the open ground, and if started early in frames, or in boxes indoors, and transplanted to the outside like Asters, the plants will be in full bloom as early as July, and they will continue flowering in extraordinary profusion until late in the fall. The large double flowers are of perfect form, and are produced in every color exhibited by other roses. The plants grow only about fifteen inches high, forming very neat, compact bushes about three feet in circumference. They are suitable for growing in pots or vases, as well as for massing in groups and for borders. Per pkt. 10c.

SINGLE FRENCH MARIGOLD GOLD RING.

This really charming variety somewhat resembles the old one Legion of Honor, and is of a dark brown velvety color, gracefully surrounded with a distinct gold ring. It is an exceedingly pretty flower, which blooms early and lasts until the frost sets in. Height, 9 inches. Per pkt. 10c.

FLORAL NOVELTIES—*Continued.*

CUPID.

The New Dwarf Sweet Pea, unlike all others, grows only five inches high. Besides having excited universal admiration from all who have seen it growing in America, it has won the highest possible honors in Europe. An Award of Merit from the Royal Horticultural Society of England and a first-class Certificate from the National Horticultural Society of France.

The flowers are the size of *Emily Henderson*, but *with more substance in the petals of both wings and standards than any other Sweet Pea.* It bears two and three blossoms on the end of each stem, all opening about the same time, so that it is unnecessary to pick a stem with a bud and an open blossom.

New Dwarf Sweet Pea Cupid.

There is no plant that can stand in successful competition with CUPID for the border. Nothing could be more novel or more truly beautiful for florists' work.....pkt. 10

NEW RED RIDING-HOOD SWEET PEA.

Of Fantastic Form; Fascinating Color; Fragrant as the Rose.

In this variety we have a fixed type, and an absolutely new departure in form. When fully developed, the standard and wings are a pleasing rosy pink, shading to bluish white at the calyx; the keel, which is almost completely developed, being nearly pure white. Although unusually robust in habit, it is early flowering, and in plenitude and continuity of bloom it excels all other existing sorts. The standard is diminutive, and peculiarly convoluted, forming a hood around the wings, which protrude in wavy form lending a novel and pleasing character to the flower. The fragrance surpasses, in a marked degree, that of other varieties of Sweet Peas. The length and rigidity of the stems are remarkable; they run 18 inches long and over, and, when cut, the stem and bloom retain their stability for a much longer period than other sorts. Per pkt. of 25 seeds, 15c.

ECKFORD'S NOVELTIES OF 1896.

Alice Eckford. Rich cream tinted cerise standards, white wings; the most chaste variety ever offered. Per pkt., 10c.

Captivation. Rosy purple self, finely expanded, shell shaped standard; quite distinct and beautiful. Per pkt., 10c.

Crown Jewel. Pale standards, tinted and veined with violet rose; the wings creamy, slightly tinted with rose; a most profuse bloomer. Per pkt., 10c.

Double Morning Glory.

Little Dorrit. Carmine tinted pink, standard of finest form; large white wings; a beautiful variety. Per pkt., 15c.

Mikado. Deep orange cerise ground, striped white; of exquisite form and good size. Per pkt., 10c.

IMPERIAL JAPANESE MORNING GLORY.

The handsomest of a handsome family, of the easiest culture and of strong rapid growth; the foliage is of varied forms and the markings fantastic. The flowers are very large, of good substance, remaining open most of the day, and the colorings are beyond description.

There is nothing in the vegetable kingdom to compare with them in their diversity of shade and combination. Per pkt., 10c.

DOUBLE FLOWERING MORNING GLORY.

The vines of this double flowering variety make as rapid growth and dense foliage as the single varieties. Flowers are white with a spot of red or blue at the base of the larger petals. About 80 per cent. of the seedlings come true from seed. We are sure the number of hardy climbing annuals is not so great that this new Double Morning Glory will not gain a prominent position. Price per packet, 10c.

BRUCE'S SELECTED FLOWER SEEDS

All Flower Seeds Sent Free by Mail at Catalogue Prices.

LIBERAL DISCOUNT ON FLOWER SEEDS IN PACKETS.	ALL WHO REMIT	$3.00 may select to the value of $3.75.
	$1.00 may select to the value of $1.20.	$4.00 " " " " $5.00.
	$2.00 " " " " $2.45.	$5.00 " " " " $6.25.

Our Special 25c. Collections for '97.

Asters—The Empire, 6 varieties.

Sweet Peas—Bruce's Royal Nosegay, 10 varieties.

Nasturtium—Six of the best Dwarf varieties.

ABRONIA.

A pretty creeping plant, with verbena-like heads of sweet-scented flowers. *Hardy annual.*

Arenaria. Lemon-yellow, very pretty.....pkt. 5
Umbellata. Grandiflora, delicate rose..... " 5

ABUTILON.

Large, well shaped flowers, in red, white, rose and orange; richly veined; suitable for house in winter and garden in summer; rapid growing *half-hardy shrubs;* easily raised from seed. Finest mixed hybrids.....pkt. 15

ACACIA.

Elegant and highly ornamental plants for the conservatory or drawing-room. *Greenhouse shrubs.* Finest mixed..pkt. 10

ACHIMENES.

A class of handsome plants, combining great beauty with rich and brilliant colors, succeeding well in a warm greenhouse; finest mixed varieties; 3 ft. *Greenhouse bulb*...pkt. 25

ACONITUM.

Monkshood. A free-blooming plant of easy culture; flowers blue and white; 3 ft. *Hardy perennials* .....pkt. 5

ACROCLINIUM.

A beautiful class of everlasting flowers, much used for winter bouquets. *Half-hardy annuals.*

Single mixed.....pkt. 5
Double " ..... " 5

ADONIS.

Adonis Æstivalis (Flos Adonis). A showy *hardy annual* of easy culture; deep crimson; 1 ft.....pkt. 5

AGERATUM.

Very valuable and showy bedding plants. If lifted in fall and placed in the parlor or greenhouse, will keep up a succession of flowers during the winter. *Annuals.*

Mexicanum. Blue.....pkt. 5
Little Dorrit. Azure blue; very floriferous..... " 10
Little Dorrit. White; extra fine..... " 10
Conspicuum. White; fine for cutting..... " 10

AGROSTEMMA.

Rose Campion. Free blooming and pretty.
Coronaria. *Hardy perennial*.... ... ...pkt. 5
Cœli Rosa (Rose of Heaven). Rose; 1 ft. *Hardy annual*.....pkt. 5

ALONSOA.

Free blooming bedding plants, continuing in bloom from June until cut off by frost. *Half-hardy annuals.*

Warcewiczii. Bright scarlet; 2 ft.....pkt. 5

AMPELOPSIS VEITCHII.

Japanese Ivy. This beautiful climber, generally known as Boston Ivy, is specially adapted for covering brick or stone buildings. *Hardy perennial*.....pkt. 10

Two-Year Old Plants 25 Cents each.

ANAGALLIS.

Pimpernel. Valuable for bedding plants; they succeed best in light, rich soil, and delight in a sunny situation; each plant covers itself with a mass of blossoms. *Half-hardy annual.*

Extra fine mixed; 2 ft..... ....pkt. 5

All lovers of Sweet Peas should grow our Novelties. (See p. 37.) **Seven splendid varieties for 70 cents.**

ASTERS.

The Aster is not only one of the most popular, but also one of the most effective of our garden favorites, producing in profusion flowers in which richness and variety of color is combined with the most beautiful and perfect form. In our flower beds and mixed borders it occupies a deservedly prominent position. All the varieties delight in a rich, deep soil, and in hot, dry weather should be mulched with well rotted manure, and frequently watered. *Hardy annuals.*

Our Special Offer in Asters—The Empire Collection.

(See Catalogue Cover.)

1. Mignon.
2. Crown.
3. Victoria.

25c.

4. Chrysanthemum.
5. Truffaut's.
6. Comet.

The finest collection for the money ever offered.

Boltzes Dwarf Bouquet. A charming free-blooming class, of compact habit; 8 to 10 inches.

Choice mixed, all colors ..... pkt. 10

Dwarf Victoria. Admirably adapted for bedding and also for florists' use; 9 to 12 inches.

Light Blue ..... pkt. 10
Crimson ..... " 10
Peach Blossom ..... " 10
Pure White ..... " 10
Choice mixed, all colors ..... " 10

Large Flowered Victoria. A magnificent race of Asters; flowers are large, globular and double; plants pyramidal, bearing from 10 to 12 blooms at one time; 18 to 20 inches.

COLLECTION OF TWELVE SEPARATE COLORS 75
" SIX " " 40
Choice mixed, all colors ..... pkt. 10

Truffaut's Pæony-flowered. One of the most perfect and popular of all Asters, the flowers being very double, large and handsome; petals incurved; height, 18 to 24 inches.

COLLECTION OF TWELVE SEPARATE COLORS 75
" SIX " " 40
Snow White ..... pkt. 10
Bright Rose ..... " 10
Choice mixed, all colors ..... " 10

Crown, or Cocardeau. A very showy variety; flowers double, with a white centre surrounded with petals of a distinct bright color; 18 to 20 inches.

Choice mixed ..... pkt. 10

Washington. An extra large flowering Aster; one of the best for exhibition purposes.

Choice mixed, all colors ..... pkt. 10

NEW VARIETIES. (See page 35.)

Princess Rosalind. — **Branching Asters.**
Giant Comet, The Bride. — **Lady in White.**
New Japanese.

Dwarf Chrysanthemum-flowered. Flowers very large and double, resembling chrysanthemums. Valuable on account of profuse late blooming; 9 to 12 inches.

COLLECTION OF SIX SEPARATE COLORS 40
Pure white, extra fine ..... pkt. 10
Choice mixed, all colors ..... " 10

Dwarf Pæony Perfection. A handsome variety; flowers large, of fine form and perfectly double; petals beautifully incurved; 12 to 14 inches.

Pure white, very chaste ..... pkt. 10

Queen of the Market. An extra early variety of graceful spreading habit; valuable for cutting ..... pkt. 10

Queen of the Earlies. This new variety resembles somewhat the Queen of the Market, but flowers from *two to three weeks earlier*, making it decidedly the earliest of all Asters. Of dwarf growth, it is sure to prove valuable for pot culture as well as for cutting purposes. The double flowers of good size are pure white in color, borne upon long stems ..... pkt. 10

Mignon. The plants of this popular favorite, which are semi-dwarf, when well grown bear 40 to 50 beautifully shaped double flowers, with deeply imbricated petals, which are unsurpassed for cutting and floral work; exceedingly attractive in the flower garden; they are also well adapted for pot culture.

Pure white, fine for florists' work ..... pkt. 10
Mixed colors, including white, rose, peach blossom, lilac and red ..... pkt. 10

ASTERS—*Continued.*

Snowball, or Princess. In form semi-spherical; composed of short, thickly set, imbricated petals. A handsome variety.

Pure white.....pkt. 10

Rosalind. Bright rose. See Novelties, page 35.

Triumph. A distinct variety, forming compact plants from 8 to 10 inches high. The flowers are large and of rare beauty, the petals being beautifully incurved.

Dark scarlet.....pkt. 20
Scarlet and white..... " 10
Choice Mixed..... " 10

Comet. Charming and distinct; are large and double, resembling in the shape and artistically curved and twisted petals the finest Chinese Chrysanthemums; 12 to 15 inches.

Pure white, extra fine.....pkt. 10
Finest mixed..... " 10

Giant Comet. This new variety differs from the well known Comets, not only on account of its large size, but because the petals are longer and broader, giving an entirely different appearance.

The Bride. For description of this exquisite variety, see Novelties, page 35.

White Giant. Pure white; a magnificent Aster.....pkt. 10

Victoria Needle. Flowers large and double; petals twisted as round as needles, the effect being unique and charming; height, 18 inches.

Choice mixed, all colors.....pkt. 10

German Quilled Betteridges. Petals quill shaped; flowers large and double; height, 2 ft.

Choice mixed.....pkt. 5

China. Choice mixed.....pkt. 5

Ball, or Jewel. A magnificent and distinct class of Aster, with ball-like flowers incurved like a double Chrysanthemum.

Crimson.....pkt. 10
Choice mixed..... " 10

Aster Princess, Rosalind.

ALYSSUM.

Free flowering, useful, pretty little plants for beds, edgings and rock work, blooming all summer; they also succeed well in the green-house for winter and early spring flowers and are much more used in bouquets because of their delicate fragrance. *Annuals.*

Sweet Alyssum. Height, ½ ft.....pkt. 5

Little Gem. Of dwarf compact habit; height, 4 to 6 inches.....pkt. 5

Saxatile Compactum. Flowers golden yellow; very pretty. *Hardy perennial*; height, 9 inches..... 5

AMARANTHUS.

Ornamental foliage plants of an extremely graceful and interesting character, producing a striking effect whether grown for the conservatory or flower garden. *Hardy annual.*

Abyssinicus. Blackish purple; 3 ft.....pkt. 5
Caudatus. Love Lies Bleeding; showy; 2 ft..... " 5
Cruentus. Princes' Feather; scarlet; 3 ft..... " 5
Melancholicus Ruber. Crimson foliage; 2 ft..... " 5
Tricolor. Joseph's Coat; very pretty; 2 ft..... " 5
Tricolor Splendens. Extra fine; 3 ft..... " 10
Salicifolius. Long, narrow leaves; 3 ft..... " 5

ANTIRRHINUM.

Snap Dragon. The flowers are commonly known under the name of Snap Dragon; all the varieties will bloom early out of doors the same season if sown under glass in March, and protected a little at first. The seed we offer is from one of the finest collections in England. *Half-hardy perennial.*

Tom Thumb. Finest mixed, ¾ ft.....pkt. 5
Tall. Finest mixed; 2 ft..... " 5

ARGEMONE.

Showy, free-flowering border plants, with large poppy-like flowers. *Hardy annuals*.....pkt. 5

DOUBLE BALSAMS.

Well-known and deservedly popular plants producing flowers in wonderful profusion, resembling the Camellia in form, and often fully as double. *Half-hardy annual.*

White, pkt., 10.; Rose, pkt., 10c.; Crimson, pkt. 10

Extra choice mixed.....pkt. 10
Fine mixed..... " 5

Solferino. Spotted and striped..... " 5

IMPORTED COLLECTIONS.

Camellia-Flowered. Six distinct colors..... 40
Rose-Flowered. Six distinct colors..... 30
Spotted and Striped. Six distinct colors..... " 30

AURICULA.

A well-known variety of great beauty, succeeding best in northern aspect. *Half-hardy perennial.*
Choicest mixed ..... pkt. 10
New Belgian. Flowers large; very distinct ..... " 25

AQUILEGIA OR COLUMBINE.

An extremely showy genus of early summer blooming plants, their flowers being beautiful both in form and color. *Hardy perennial.*

Single. Finest mixed; 2 ft ..... pkt. 5
Double " " " ..... " 5

BALLOON VINE.

Cardiospermum Halicacabum. A genus of rapid growing climbers, remarkable for an inflated balloon-shaped seed capsule, which it bears in clusters; 6 to 8 ft. *Annual* ..... pkt. 5

BARTONIA AUREA.

Very showy; golden yellow; ½ ft. *Hardy annual.* ..... pkt. 5

BELLIS PERENNIS.

Double Daisy, a well-known and favorite plant for the border or pot culture. *Half-hardy perennials.*

Snowball. Extra large and very double; pure white flowers .. pkt. 20
Longfellow. Double red ..... " 10
Double White. Extra fine ..... " 10
Choicest Mixed ..... " 10

BEGONIAS.

Tuberous-rooted; new hybrids. These splendid varieties produce handsome plants from 12 to 18 inches high, covered the whole summer, until frost sets in, with bright and elegant flowers of almost every shade of color; when well grown the flowers of some varieties attain an extraordinary size, being frequently 6 inches in diameter.

Single varieties, finest mixed ..... pkt. 25
Double " " ..... " 25
International Prize. This is an unrivalled strain, the seed having been saved only from the best selected blooms of new French, English and German varieties, whose superiority as regards form, size and color has been abundantly proved ..... pkt. 40

Double Begonia.

BRACHYCOME.

Swan River Daisy. Dwarf, free flowering plants; covered all summer with a profusion of Cineraria-like flowers; very effective in edgings, rustic baskets or for pot culture. *Half-hardy annuals.*
Ibiridifolia. Fine mixed; ½ ft ..... pkt. 10

BROWALLIA.

Profuse blooming plants, covered with rich, strikingly beautiful flowers during the summer and autumn months. *Annuals.*

Elata Cœrulea. Sky blue, beautiful; 1 ft ..... pkt. 5
Elata Alba. White; 1 ft ..... " 5

CACALIA COCCINEA.

Tassel Flower. A beautiful and profuse flowering class of plants, with tassel-shaped flowers; fine for mixed borders. *Half-hardy annuals* ..... pkt. 5

CALCEOLARIA.

Plants of highly decorative character, indispensable for the ornamentation of the greenhouse and garden. C. hybrida is grown for indoor decorations; while C. rugosa, a shrubby variety, is sometimes grown for indoor and sometimes for outdoor decorations. *Half hardy perennials.*

Hybrida. Finest mixed, from prize flowers; 2 ft .. pkt. 25
James' International Prize. Unequalled for size and brilliancy of color; 2 ft ..... pkt. 50
Rugosa. Mixed; valuable for bedding; 1 ft ..... " 25
Scabiosæfolia Yellow; 2 ft. *Half-hardy annual* .. " 10

CALANDRINIA.

Very beautiful creeping plants; admirably adapted for planting in rock work. *Annuals.*

Grandiflora Rose. 1 ft ..... pkt. 5
Umbellata. A rich, rosy violet ..... " 10

CALENDULA.

Pot or Garden Marigold. Remarkably profuse blooming plants; their easy culture and continuous bloom make them valuable for the garden or pot culture. *Hardy annual.*

Sulphur Gown. Light lemon yellow; a splendid large flowered variety ..... pkt. 5
Meteor. Double yellow flowers, striped with orange. " 5
Prince of Orange, Beautiful deep orange, a gem. " 5
Pluvialis (Cape Marigold). Pure white, large, single flowers ..... pkt. 5

CANARY BIRD FLOWER.

Tropæolum. Bright fringed, yellow creeper; very ornamental; a general favorite; 10 ft. *Half-hardy annual* ..... pkt. 10

CALLIOPSIS, or COREOPSIS.

This genus is one of the most striking of all annuals, the tall varieties being very effective in mixed borders; while the dwarf, from their compact habit, are well adapted for beds, the colors all being strikingly beautiful. *Hardy annuals.*

Drummondii. Orange yellow ..... pkt. 5
Nigra Speciosa. Rich crimson; 1 ft..... " 5
Tinctoria. Crimson brown, tipped yellow; 2 ft.. " 5
Fine mixed, all colors ..... " 5
Double. Flowers are double and semi-double; yellow and maroon; very pretty ..... pkt. 5

HARDY PERENNIAL VARIETIES.

Harvest Moon (Coreopsis Grandiflora) A hard free-blooming plant; flowers are large, of a deep golden yellow; unequalled for cutting..... pkt. 10
Lanceolata. This is one of the most popular perennials in cultivation. The flowers are large, of a bright golden yellow, freely produced on long stalks from June till frost; excellent for cutting; height, 3 ft..... pkt. 10

CANNA.

This genus, from its stately growth, combined with its rich and varied flowers and picturesque foliage, is one of the most strikingly effective of our ornamental plants, either for conservatory or flower garden. The seed should be steeped for a few hours in hot water before sowing. The roots may be taken up and preserved like Dahlias. *Half-hardy perennials.*

Crozy's New Dwarf Hybrids. Splendid large flowering, with broad leaves; finest mixed..... pkt. 10
Dark Leaved Varieties. Finest mixed..... " 10

CANDYTUFT.

One of the most useful of border annuals; very effective in beds, groups, etc. Also very useful for pot culture for conservatory decorations during the winter. *Hardy annual.*

White..... pkt. 5
White Fragrant..... " 5
White Rocket..... " 5
Carmine..... " 5
Purple or Lilac..... pkt. 5
Crimson..... " 5
Flesh Color..... " 5
Fine mixed..... " 5

Empress. A splendid white variety. The plant is of very branching habit, and when fully grown and covered with its large trusses of pure white flowers it presents a perfect pyramid of bloom throughout the summer..... pkt. 10
Tom Thumb. Bushy little plants, 4 to 6 inches high; very effective for small beds and edgings; finest mixed..... pkt. 10

CASTOR OIL BEANS.

Ricinus. The picturesque foliage and stately growth, combined with the size of the giant varieties, impart to select plantations, shrubbery and mixed flower borders, quite an Oriental aspect. *Half-hardy annual.*

Fine mixed; 4 ft..... pkt. 5

Zanzibariensis A new Castor Oil plant, far exceeding in size the much admired older kinds. The foliage is of the usual palmate character, produced in great luxuriance and of gigantic proportions, measuring 2 to 2½ ft. in diameter; the coloring varies from a light green to a dark coppery bronze and brownish purple..... pkt. 10
Borboniensis Arboreus. Of noble aspect; 15 ft. " 10
Duchess of Edinburgh. Dark purple stem and leaves; 5 ft..... pkt. 10
Cambodgensis. The finest dark foliage variety, strikingly beautiful..... pkt. 10

CATCHFLY.

Silene Armeria. Free flowering, showy *hardy annual*, for beds or borders. Fine mixed..... pkt. 5

CAMPANULA.

Canterbury Bell. Well-known favorites, bearing large bell and saucer-shaped flowers; well adapted for borders and pot culture. *Half-hardy biennials.*

Single Blue..... pkt. 5
" Mixed..... " 5
Double Blue..... " 5
" Mixed..... " 5
Single and Double. All colors; superb mixture. " 10
Pyramidalis. A grand sort, known as the Pyramidal Bell Flower. *Hardy perennial.*
Finest mixed blue and white; 4 ft..... pkt. 5

CERASTIUM TOMENTOSUM.

"Snow in Summer." Silver-leaved *hardy perennial* trailing plants; large white flowers; ½ ft..... pkt. 10

CARNATION.

A magnificent class of popular favorites, most of which are deliciously fragrant, with colors extremely rich and beautiful. The seeds we offer are from one of the finest collections in Europe, and will produce many double flowers and among them many choice novelties. Grow in light, rich soil. *Half-hardy perennials.*

Marguerite. Although only of recent introduction, the Marguerites have become a most important factor with every gardener and florist. The flowers are sweet scented; seedlings begin blooming the fourth month from time of coming up; 80 per cent. of them are double, and produce a rich display of color.

Pure white.....pkt. 15
Choice mixed..... " 10

Giant Marguerite. New, large flowering strain; extra fine. (See Novelties, page 36).....pkt. 25

New Perpetual Riviera Market. This is the finest of all strains of Perpetual Carnations, and is nearly as rapid in growth as the Marguerite class; the seed produces over 90 per cent of splendid double flowers, with a large percentage of yellow.....pkt. 25

Grenadin. An extra early and very hardy variety, with brilliant double scarlet flowers.....pkt. 10

Grenadin. Pure white; extra fine.....pkt. 20

Carnations and Picotees. Collection of 6 varieties..... 75

Finest mixed, all colors.....pkt. 25

Perpetual or Tree. Fine for winter blooming; choice mixed..... " 25

Carnation. Fine mixed; excellent for cutting..... " 10

Marguerite Carnation.

CENTAUREA.

The silvery-foliaged Centaureas are amongst our most beautiful and valuable bedding plants; should be started early, in gentle heat. *Half-hardy perennial.*

Corn Flower.

Candidissima. Silvery leaves; very dwarf; 9 inches.....pkt. 15

Gymnocarpa. Very graceful silver foliage; excellent decorative bedding plant; 12 to 18 inches.....pkt. 15

Centaurea Cyanus (Cornflower). A valuable *hardy annual* for borders; flowers most suitable for bouquets; 2 ft. Fine mixed.....pkt. 5

Cyanus, Emperor William. A splendid variety..... "

" **Victoria** (Miniature Cornflower). A charming new variety for pots and edgings..... pkt. 10

" **Double.** Choice mixed, including many new shades of color.... " 10

" **Moschato.** (Sweet Sultan). See page 56.

CENTRANTHUS.

Compact growing plants; very effective in beds or as an edging. *Hardy annuals;* 1½ ft.

Red, Rose and White. Mixed.....pkt. 5

CHELONE.

A beautiful, hardy, herbaceous plant, with showy flowers; very effective in beds or groups. *Hardy perennial.*

Barbata. Hybrida; fine mixed; 5 ft.....pkt. 5

CINERARIA.

A well-known greenhouse favorite; from the richness and diversity of its colors is one of the most valuable of our early spring flowers; succeeds best in light, rich, free and open soil. *Greenhouse perennial.*

Hybrida Grandiflora. Finest large flowering varieties; splendid mixed.....pkt. 25

Bruce's Prize. The flowers possess extraordinary substance, and are of immense size under good cultivation. For exhibition purposes it is unsurpassed.....pkt. 50

Hybrida Grandiflora Kermesina. Flowers of a rich, velvety dark crimson, of an immense size, generally furnished with a double row of petals.....pkt. 50

CINERARIA MARITIMA.

(Dusty Miller). White foliage; very ornamental. *Half-hardy perennial*.....pkt. 5

Maritima Candidissima. An extra fine variety.. " 5

CLARKIA.

A beautiful tribe of favorite plants, with pretty, cheerful-looking flowers, growing freely and blooming profusely under almost any circumstances; but when planted in rich soil and properly attended to they rank among the most effective of bedding plants. *Hardy annuals.*

Single Mixed. Many sorts; 1 ft.....pkt. 5
Double " " " 2 ft.. ..... " 5

CLEMATIS.

A beautiful, fragrant climber; perfectly hardy; seeds often lie dormant for weeks. *Hardy perennials.*

Choice mixed. Many sorts.....pkt. 10

CORDYLINE (Dracæna).

Beautiful greenhouse foliage plants.

Australis.....pkt. 10
Indivisa Lineata..... " 20

Single Annual Chrysanthemums.

CHRYSANTHEMUMS.

Very showy and effective border plants, succeeding well in rich garden soil. *Hardy annual.*

SINGLE ANNUAL VARIETIES.

The Sultan. Crimson maroon.....pkt. 5
Burridgeanum. White, rose and yellow..... " 5
W. E. Gladstone. Rich crimson..... " 5
Eclipse. Golden yellow, scarlet ring, brown centre..... " 5
Fine Mixed..... " 5

DOUBLE ANNUAL VARIETIES.

Double Hybrids. The flowers of this charming new strain are large and double, the colors being beautiful and diversified, the petals exquisitely fringed and penciled.....pkt. 10
White.....pkt. 5 | **Sulphur Yellow**..... " 5
Golden Yellow..... " 5 | **Fine Mixed**..... " 5

SINGLE PERENNIAL VARIETIES.

Marguerites, or Paris Daisies. Largely grown for cut flowers. They flower all summer in the garden, and make elegant pot plants for winter bloom.
Frutescens. White.....pkt. 10
Comtesse de Chambord. Yellow; fine..... " 10

DOUBLE PERENNIAL VARIETIES.

These are the double sorts which attract so much attention at the autumn shows.

Indicum Grandiflorum. Finest mixed.....pkt. 25
" **Double Pompon.** Finest mixed..... " 25
Japonicum, Japanese Varieties. Finest mixed..... " 25

COCKSCOMB.

Celosia. Highly ornamental, curious looking flowers for the green house, drawing-room and garden. The following sorts have been saved from combs remarkable for their size, symmetry and color. *Half-hardy annuals*
Collection of six finest dwarf varieties..... 50
Glasgow Prize. An extra fine dwarf variety, with immense crimson combs.....pkt. 25
Dwarf Mixed. Splendid..... " 10
Fine Mixed..... " 5
Pyramidalis Plumosa. Magnificent annuals, with charming feathery heads.
Golden Yellow; 1 ft....pkt. 5 | Crimson; 1 ft.....pkt. 5
Japonica. Japanese, very ornamental..... " 5

Cockscomb.

CLIANTHUS.

Free flowering shrubs, with elegant foliage and brilliantly colored, singularly shaped flowers, which are produced in clusters with splendid effect. *Greenhouse perennials.*
Dampieri. Scarlet, pea-shaped flowers; 1 ft.....pkt. 25
Magnificus (Glory Pea). Scarlet; 15 ft ..... " 25

CLINTONIA.

An exceedingly pretty, Lobelia-looking plant, admirably adapted for rustic baskets, rock-work or vases. *Half-hardy annuals.*
Elegans. Pale blue, beautiful; 1½ ft.....pkt. 10
Pulchella Alba. White..... " 10

COBŒA.

Scandens. A beautiful conservatory climber with large, well-shaped flowers and elegant leaves and tendrils. It is of very rapid growth, and consequently, eminently adapted during the summer for warm situations out of doors; in sowing place the seeds edgeways and cover slightly. *Half-hardy annuals*
Purple..... pkt. 10 | **White**.....pkt. 10

COLEUS.

Very effective plants for bedding. *Tender perennials.*
Collection of six beautiful varieties..... 60
Choice mixed; 2 ft.....pkt. 25

COLLINSIA.

Attractive in beds or mixed borders. *Hardy annuals.*
Mixed colors; 1 to 2 ft.....pkt. 5

CONVALLARIA MAJALIS.

Lily of the Valley. *Perennials*.....pkt. 10

CONVOLVULUS.

Old and well-known favorites. The beauty and delicacy of their colors are unsurpassed; they all grow freely in almost any situation. *Hardy annuals.*

Major. (Morning Glory); 10 ft..... pkt. 5
Minor. Blue, yellow and white ..... " 5
Double Flowered. (New). See Novelties, page 37.
Mauritanicus. Charming plants for baskets, rock work, etc., flowers lavender. *Perennials* ..... pkt. 10
Imperial Japanese. (New). See Novelties, page 37.

CHINESE PRIMROSE.

See Primula.

See Page 34 for Collections of Flower Seeds for Amateurs.

COSMOS.

Plants 4 to 5 ft. high; covered in the autumn with large, single, Dahlia-like flowers; fine for bouquets. *Half-hardy annuals.*

Pure White.....pkt. 5 | Fine mixed.....pkt. 5

COWSLIP.

An early spring blooming border plant. Treatment about the same as for Pansies. *Perennials*.....pkt. 5

CORN FLOWER.

See Centaurea Cyanus.

COSMIDIUM BURRIDGEANUM.

Flowers similar to the Calliopsis; of a beautiful velvety brown color. *Hardy annual*.....pkt. 5

CUCUMBER ORNAMENTAL.

An interesting tribe of plants, remarkable for their luxuriance and rapidty of growth, which, if the soil be rich, is marvellous. *Annuals.*

Snake Cucumber. (Cucumis Flexuosus). 10 ft..pkt. 5

Wild Cucumber. (Echinocystis Lobata). This is the quickest climber known. It will grow 30 feet in one season, has dense graceful foliage, which is thickly dotted with pretty white fragrant flowers. It retains its fresh green color throughout the season, and is never infested with insects. The seed should be soaked in water for at least 24 hours before planting. Once planted this vine seeds itself and comes up every year. Pkt..... 10

CYCLAMEN.

A genus of the most beautiful and elegant winter and spring blooming plants, for pot culture; if sown early in spring, under glass and well grown, will make flowering bulbs in one year. The seed we offer is from the finest strains.

Persicum. Choice mixed .....pkt. 25

Giganteum. This section is remarkable for the immense size and magnificent colorings of the flowers...pkt. 50

CYPRESS VINE.

Ipomea Quamoclit. A most beautiful climbing plant, with very delicate fern-like foliage. *Half-hardy annual.*

Scarlet; 10 ft .....pkt. 5
Finest mixed..... " 5

DAISY DOUBLE.

See Bellis Perennis, page 41.

DAHLIA.

The seed we offer is from the best named varieties; 5 ft. *Half-hardy perennials.*

Double. Choice mixed.....pkt. 20
Single. Finest mixed, very showy ..... " 10
Dormant Tubers. The finest named varieties, each.. 20

DATURA.

Trumpet Flower. A tribe of highly ornamental plants, with large trumpet-shaped flowers. *Annuals.*

Wrighti (Meteloides). Satin white, bordered with lilac; flowers 9 inches long; 3 ft .....pkt. 5
Chlorantha flore pleno. Golden yellow; 3 ft... " 5

DIANTHUS or PINKS.

SINGLE VARIETIES.

Laciniatus. Salmon Queen. This new variety represents a beautiful acquisition to the *annual* pinks. Its flowers are the most brilliant salmon color imaginable, changing into a salmony rose when fading. That this variety is distinct from all others is easily proved by the seeds, white or yellowish white, while those of all other *annual* pinks are dark brown or black. The flowers are well formed and nicely fringed .....pkt. 10

Laciniatus. Finest mixed, single fringed varieties; charming colors.....pkt. 5

Heddewigi (Japan Pink). The flowers are large and of the most brilliant colors from pure white to richest crimson, while many are laced or striped.....pkt. 5

The Bride. A dwarf variety, the flowers being white with a purplish centre, very pretty.....pkt. 10

DOUBLE VARIETIES.

Imperial Pink. Flowers of blood-red ground color, irregularly striped and splashed with white and pink; a charming variety.....pkt. 10

Mourning Pink. The flowers are large, colors unique, rich purple, maroon, etc., edged with white... pkt. 10

Diadem Pink. Flowers of many colors, beautifully striped and laced.....pkt. 10

Laciniatus. Fringed flowers of remarkable beauty.pkt. 10

Choice Mixed. Consisting of the best double varieties, all colors .....pkt. 10

China or Indian Pink. Finest mixed..... " 5
Collection of six finest varieties, single and double.... 30

PERENNIAL VARIETIES.

Pheasant's Eye. A single variety, the flowers of which are white with a crimson eye; very sweet scented.pkt. 5

New Perpetual Pink. The flowers of this valuable Pink, which are sweet scented, come double, semi-double and single, and comprise a diversity of colors; valuable for florists.....pkt. 25

DELPHINIUM.

Perpetual Larkspur. One of the best, hardy, herbaceous plants, flowering in great profusion throughout the summer; flowers in large spikes of endless shades of colors, from pearl white to the richest and deepest blue. *Hardy perennials*

Elatum Hybridum. Splendid mixed; 3 ft.....pkt. 5
Chinese Grandiflorum. Fine mixed; 2 ft..... " 5
Formosum. Bright blue flowers, very attractive; 3 ft " 10
Nudicaule. Very pretty, habit dwarf; flowers bright scarlet; 1 ft.....pkt. 10
Double. Choice mixed..... " 10

DIGITALIS.

Foxglove. Handsome and ornamental plants of stately growth and varied color; 3 ft. *Hardy perennials.*
Fine mixed .....pkt. 5

DOLICHOS.

Hyacinth Bean. A beautiful class of quick growing ornamental climbers. *Half-hardy annual.*
Finest mixed; 12 ft.....pkt. 5

DRACAENA.

See Cordyline.

ECCREMOCARPUS SCABER.

A handsome rapid grower, free flowering, bright orange flower 10 feet. *Tender annual*.....pkt. 10

ESCHSCHOLTZIA.

California Poppies. An exceedingly showy, profuse flowering class of plants, with extremely rich and beautiful colors, very attractive for bedding, massing or ribboning. *Hardy annuals.*

SINGLE VARIETIES.

Californica. Bright yellow, showy; 1 ft.....pkt. 5
" **Alba.** Creamy-white, very pretty..... " 5
Rose Cardinal. Beautiful carmine-rose..... " 5
Mandarin. Bright orange flowers shaded with crimson; very handsome.....pkt. 5
Maritima. (Maltese Cross). Large flowers of a bright golden-yellow, with dark-orange markings; foliage silvery-grey. A superb variety.....pkt. 10
Fine mixed..... " 5

DOUBLE VARIETIES.

White and Yellow Mixed.....pkt. 5

ERYSIMUM.

Very showy, free-flowering plants, very effective in beds and borders. *Hardy annual.*
Perofskianum. Orange, very showy; 1 ft.....pkt. 5

EUTOCA.

Neat, compact, free-flowering plants, very attractive in beds or mixed borders. *Hardy annual.*
Viscida. Deep blue, fine; 1½ ft.....pkt. 5

FENZLIA DIANTHIFLORA.

A neat little profuse flowering plant of dwarf growth, well adapted for rustic work or vases; rosy lilac with crimson and orange centre; ½ ft. *Hardy annual*.....pkt. 25

FEVERFEW.

See Matricaria.

FORGET-ME-NOT.

Myosotis. A favorite and well-known border plant; flowers early, blooms freely; fine mixed varieties; ¼ ft. *Half-hardy perennial*.....pkt. 5
Alpestris Victoria. (New). Sky blue flowers, with double centre, best for pot culture.....pkt. 10

FREEZIA.

A most interesting family of plants largely used by florists in cut flower decorations. The flowers are pure white, blotched with yellow on the lower petals, with a delicate musk perfume. The seeds produce a bulb, which plant in October in light soil; give plenty of light and sun. When done flowering put away the bulb in a dry place until next planting.....pkt. 10

FRAXINELLA.

Handsome, very fragrant, free-flowering herbaceous plants, suitable for mixed borders; the seed frequently lies dormant for several months. *Hardy perennials.*
Rubra. Rosy Purple; 3 ft.....pkt. 5
Alba. White, 3 ft..... " 5

FUCHSIA.

Well-known green-house plants; the seed we offer has been selected and saved from the finest named varieties. *Green-house shrubs.*
Double and Single. Splendid mixed.....pkt. 25

GAILLARDIA.

Splendid bedding plants, remarkable for the profusion, size and brilliancy of their flowers; very effective and showy. *Half-hardy annual.*
Single Mixed. Flowers yellow and scarlet; very showy, in finest mixture.....pkt. 5

GAILLARDIA—*Continued.*

Lorenziana. Double mixed. Large heads of bright yellow and red flowers, very double, with quilled petals, fine for bouquets ..... pkt. 5

Grandiflora. *Hardy perennials.* The flowers are large, from 2½ to 3½ inches in diameter, produced on long stems, they are exceellent for cutting, and of the most gorgeous coloring ..... pkt. 10

GERANIUM.

These well-known garden favorites are as indispensable for in-door as out-door decoration, and should be extensively cultivated. *Half-hardy perennials.*

Fancy Varieties. Fine mixed ..... pkt. 50
Finest Scarlet. (Zonale). Beautiful for bedding. " 10
Golden and Bronze. Brilliant foliage ..... " 25
Double Zonale. Rose, purple and white; ½ ft .... " 25

GILLIA.

Very pretty dwarf plants, early and free-bloomers, valuable for massing and for rockeries. *Hardy annuals.*

Tricolor. White, lilac and purple; ¾ ft ..... pkt. 5
Rosea. Rose, purple and white; ½ ft ..... " 5

GLADIOLUS.

Gandavensis. *Perennial.* Splendid mixture ..... pkt. 10

GLOXINIA.

A superb genus of stove plants, profuse bloomers, of great beauty and diversity of color; thrive best in sandy peat or loam. *Green-house plants.*

Splendid mixed varieties ..... pkt. 25

GODETIA.

Handsome summer flowering plants, of compact growth, bearing freely large flowers of exquisite colors and shades. *Hardy annuals.*

Princess of Wales. Brilliant red, fine ..... pkt. 5
Princess Henry. Satiny rose, with broad carmine spots, handsome ..... pkt. 5
The Bride. Pure white, crimson ring at the base of corolla; 1 ft ..... pkt. 5
Lady Albemarle. Flowers 4 inches in diameter and of a glowing crimson color; 1 ft ..... pkt. 5
Duchess of Albany. Large glossy, satiny white flowers, very beautiful; 2 ft ..... pkt. 5
Lady Satin Rose. Bright carmine, extremely effective; 1 ft ..... pkt. 5

GLOBE AMARANTH.

Gomphrena. Extremely handsome everlastings, with showy, pretty flowers, which may be cut in summer and preserved for winter bouquets. *Half-hardy annuals.*

Purple ..... pkt. 5
Mixed, all Colors ..... " 5

GOURDS.

Ornamental Gourds. The tribe of Cucurbita, or Gourds, is well known as producing some of the most curiously shaped of all fruits, and are very desirable for covering the trellis work of arbors, etc. *Half-hardy annuals.*

Egg Shaped. White nest egg ..... pkt. 5
Dish Cloth. A popular variety ..... " 5
Mixed. Many sorts ..... " 5

GNAPHALIUM—(Edelweiss).

A pretty Alpine plant Seed must be sown early in the spring, in shallow pans, in sandy soil and leaf-mould, and should be kept cool and moist. *Perennials.*

Leontopodium ..... pkt. 10

GREVILLEA.

Robusta. A very graceful Fern-like foliage plant, for pots or tropical lawn effects, *tender perennials*; 3 to 5 ft ..... pkt. 10

GYPSOPHILA.

A pretty free-flowering elegant little plant, well adapted for rustic rock-work. *Hardy annuals.*

Elegans. White and pink; 1 ft ..... pkt. 5
Muralis. Bright rose, profuse flower; ¼ ft ..... " 5

HAWKWEED.

Very useful, free-flowering plants, showy in beds. *Hardy annuals.*

Mixed, Red, White and Yellow. 1 ft ..... pkt. 5

HEDYSARUM.

French Honeysuckle. Very hardy, plants producing racemes of attractive pea-formed flowers, in two colors, scarlet and white. *Perennials.* Mixed ..... pkt. 5

HELIOTROPE.

A well-known genus of profuse flowering and deliciously fragrant plants. *Half-hardy perennials.*

Fine mixed varieties; 2 ft ..... pkt. 10

HELIPTERUM.

A beautiful genus of everlasting plants, valuable for winter bouquets. *Tender annuals.*

Sanfordi. Of dwarf, tufted habit, with round clusters of golden yellow flowers; 3 ft ..... pkt. 5
Corymbiflorum. Beautiful white flowers ..... " 5

HIBISCUS.

A very ornamental and showy plant, well adapted for mixed or shrubbery borders. *Tender annuals.*

Africanus. Color cream, brown centre; 1½ ft ..... pkt. 5

HOLLYHOCKS.

A splendid plant for autumn decorations, and from its stately growth and varied colors of its magnificent spikes of flowers, may justly demand a place in every large garden or pleasure ground. *Hardy perennials.*

Fine mixed ..... pkt. 10
Splendid Double. Mixed ..... " 20
English Prize. Collection of 12 varieties 75

HUMULUS JAPONICUS.

Climbing Hop. A plant of very rapid growth, beautiful when planted isolated and properly supported, also valuable for trellises, etc. *Annuals* ..... pkt. 5

Helichrysum.

HELICHRYSUM.

Everlasting Flowers. Exceedingly effective in the flower border, indispensable for winter bouquets, for which purpose they should be cut before the blooms fully expand. *Hardy annuals.*

Large Flowering. Finest mixed.....pkt. 5

HUMEA ELEGANS.

A very graceful and ornamental plant for decorating gardens and pleasure grounds, with ruby and red grass-like florets; very desirable. *Half hardy biennials* .....pkt. 10

IMPATIENS SULTANI HYBRIDA.

One of the most useful plants of recent introduction. Remaining in bloom for a long period, they produce lovely flowers, varying in color from delicate pink to the deepest red. *Tender perennials.* Height, 3 ft .....pkt. 25

IPOMŒA.

This genus contains some of the most varied and beautiful flowers in cultivation; for covering old walls, trellises, arbors or stumps of trees they are invaluable. *Half-hardy annuals.*

Grandiflora. The Moon Flower. Large, pure white, flowers in great profusion, opening in the evening; rapid and luxuriant summer climber.....pkt. 10

Hederacea Superba Grandiflora. Sky blue..... " 5

Coccinea. Bright scarlet, very handsome; 6 ft..... " 5

Marmoratis. With elegant silver-tipped leaves, largely used for vases and hanging baskets.....pkt. 5

ICE PLANT.

A dwarf, trailing plant, much used for garnishing. The leaves and stems are covered with crystalline globules, giving it the appearance of being coated with ice. *Half-hardy annuals*.....pkt. 5

IPOMOPSIS.

A remarkably handsome free-flowering plant, with long spikes of orange and scarlet flowers. *Half-hardy biennials.*

Fine mixed.....pkt. 5

KAULFUSSIA.

Compact growing border plants; very effective for pots and edgings. *Hardy annuals.*

Atroviolaceæ. Rich velvet; beautiful; new; ¼ ft.....pkt. 5

Fine mixed ..... " 5

KENILWORTH IVY.

Linaria Cymbalaria. Splendid plant for hanging baskets, rustic work, etc. *Hardy perennials*.....pkt. 10

JACOBEA.

Senecio. Free growing plants, producing their gay colored flowers in great profusion; very effective for beds. *Hardy annuals.*

Fine mixed, dwarf varieties, all colors.....pkt. 5

" tall " " ..... " 5

LANTANA.

A very desirable class of plants for indoor pot culture, and can be trained in any desired form, and are continually in bloom. The flowers are small but showy. *Perennials*.....pkt. 5

LATHYRUS (Latifolius).

Everlasting Pea. Showy, free-flowering plants; very ornamental on trellis work, old stumps, or for covering fences or walls; height, 5 ft. *Hardy perennials.*

Scarlet..... pkt. 5

White..... " 5

Fine mixed..... " 5

LARKSPUR.

Very ornamental plants, possessing almost every requisite for the adornment of the garden; profuse bloomers, and of great variety of brilliant colors. *Hardy annuals.*

Dwarf Rocket German. Finest mixed; 1 ft....pkt. 5

Tall Rocket German. Finest mixed; 2 ft..... " 5

Hyacinth Flowered. Very double; 1 ft..... " 5

Stock Flowered. Very double, extra fine..... " 5

LAVATERA.

Tall growing, very showy plants. *Hardy annuals.*

Trimestris. Red; 3 ft..pkt. 5 | White, 5 ft..pkt. 5

LEPTOSIPHON.

A charming class of free blooming plants, valuable for rock work or edging. *Hardy annuals.*

Fine mixed.....pkt.

LISIANTHUS RUSSELLIANUS.

This is a splendid plant for green-house and conservatory decoration; its flowers are extremely handsome and of a rich, dark blue; 3 ft. *Green-house plants*.....pkt. 25

LOBELIA.

A very valuable and beautiful class of mostly dwarf growing plants. Their delicate drooping habit and the profusion of their charming little blue and white flowers render them exceedingly ornamental for rustic or hanging baskets, while for border cultivation they are equally effective. *Half-hardy annuals.*

Compacta Crystal Palace. Dark blue, excellent for edgings.....pkt. 10
Erinus Alba. Pure white..... " 5
Royal Purple. A compact growing variety, dark stalks, flowers deep blue with distinct white eye, extra fine.....pkt. 10
Speciosa. Blue, fine for bedding; ½ ft..... " 5
Gracilis. Pale blue, fine for vases, trailing..... " 5
Cardinalis. Cardinal flower, beautiful scarlet; 2 ft. *Hardy perennial*... " 10
Cardinalis Queen Victoria. Very dark leaves and beautiful flowers of brilliant scarlet, quite constant, a splendid acquisition.....pkt. 25

LIMNANTHES.

Very showy, profuse blooming dwarf plants, good for beds, clumps or edgings; thrive in any good garden soil. *Hardy annuals.*

Douglasii. Yellow and white, pretty; 1 ft.....pkt. 5

LINUM.

Flowering Flax. A beautiful class of free-flowering *hardy annuals* of the easiest culture.

Scarlet.....pkt. 5
Yellow..... " 5
Rose. Very pretty..... " 5

MARVEL OF PERU.

Mirabilis Jalapa. The flowers are varied and of beautiful colors, and are produced in great abundance. The roots may be preserved throughout the winter like Dahlias. *Half-hardy annuals.*

Finest mixed colors; 2 ft.....pkt. 5

MARIGOLD.

Tagetes. A tribe of well-known free-flowering plants, with handsome double flowers of rich and beautiful colors; very effective in beds, borders, etc. *Half-hardy annuals.*

LOPHOSPERMUM SCANDENS.

A very beautiful and ornamental climber, with handsome, showy fox-glove-like flowers; very effective for conservatory or garden decorations; rosy, purple flowers; 10 ft. *Half-hardy annuals*.....pkt. 10

LOTUS.

Very pretty genus of plants, with pea-shaped flowers, for green-house or conservatory decoration. *Half-hardy annuals.*

Jacobeus. Dark brown; 2 ft.....pkt. 5
Luteus. Yellow..... " 5

LUPINUS.

Annual varieties, fine mixed.....pkt. 5
Perennial " " ..... " 5

LYCHNIS.

Very free-flowering, herbaceous plants. *Hardy perennials.*

Chalcedonica. Bright scarlet, pretty; 2 ft..... pkt. 5
Haagaeana. Hybrida, mixed; 1 ft..... " 5

MALOPE.

A handsome plant of branching habit, with large showy flowers. *Hardy annuals.*

Fine mixed.....pkt. 5

MARTYNIA.

Very handsome, free-flowering plants, with large flowers of great beauty; the young fruit or seed pods are highly esteemed for pickling. *Half-hardy annuals.*

Fine mixed; 2 ft.....pkt. 5

MAURANDIA.

Beautiful climbers for green-houses or out-door cultivation.

Barclayana. Deep violet; pretty.....pkt. 10

DOUBLE FRENCH MARIGOLDS.

Collection of six finest varieties..... 40
Dwarf. Gold striped; very handsome.....pkt. 5
" Finest mixed; ½ ft..... " 5
Tall. Choice mixed; height, 2 ft..... " 5

DOUBLE AFRICAN MARIGOLDS.

Collection of six finest double varieties..... 40
Orange. Very showy; 2 ft.....pkt. 5
Lemon. Handsome; 2 ft..... " 5
Fine mixed..... " 5

Those who raise flowers indoors cannot afford to be without Scollay's Rubber Plant Sprinklers.

(See page 72.)

SINGLE FRENCH MARIGOLD.

Legion of Honor.

A new and exceedingly beautiful single variety; flowers bright clear yellow, distinctly blotched rich brown. The plants are dwarf and compact, and remain in bloom a long time; height, 9 inches..... pkt. 10

Gold Ring (New). See Novelties, page 36..... " 10

MEXICAN MARIGOLD.

Tagetes Signata Pumila. Fine bedding plants, with pretty yellow flowers; 1 ft.....pkt. 10

POT OR GOLDEN MARIGOLD.

See Calendula. Page 41.

MATRICARIA.

Double Feverfew. Pure white double flowers; a desirable bedding plant, and largely used for cemetery decoration. *Hardy annuals*.....pkt. 10

MESEMBRYANTHEMUM.

A beautiful class of dwarf-growing plants; very effective in beds, edgings, rock-work, rustic baskets and vases. Succeeds best in a warm situation. *Half-hardy annuals.*

Tricolor. Mixed colors; very showy; 1 ft.....pkt. 5

MIGNONETTE.

Within recent years Mignonette has been immensely improved in size, and several distinct tints have been selected. These have been saved with such care that an agreeable variety of this fine old favorite is now available for the garden and for pot culture. The following are *Hardy annuals.*

Sweet Scented.....per oz. 15c.; pkt. 5

Dwarf Compact. A fine compact variety for pot culture..... " 10

Myles' Hybrid Spiral. Habit dwarf and branching, ; flowers large. The odor of this variety is superior to any other ..... pkt. 5

Parson's White Flowering. The flowers are almost pure white, of the most exquisite fragrance.....pkt. 5

Machet. Pyramidal large flowers; dwarf and compact; the best for pot culture.....pkt. 10

Golden Machet. New. See Novelties, page 36..... " 15

Eloise Francois. A splendid new variety, with very long flower stalks; grand for cutting.....pkt. 10

Crimson Queen. Robust in habit, with very large spikes of handsome red flowers.....pkt. 5

Golden Queen. Large flowered; a handsome dwarf variety, flowers golden yellow, a free bloomer.....pkt. 5

Defiance (New). The finest of all; spikes of remarkable size and deliciously fragrant; the individual florets are very large, standing out boldly; its keeping qualities are extraordinary.....pkt. 15

MIGNONETTE—*Continued.*

Machet Mignonette.

Large Flowered Pyramidal or Tree. This plant is more vigorous than the old variety, the stems stronger, and with proper treatment the so called *Tree Mignonette* will be obtained.....pkt. 5

MUSA ENSETE.

Abyssinian Banana Tree. Magnificent for sub-tropical massing. On the lawn as single specimens they are very effective. Seed sown early will produce immense plants in the first season. *Tender perennials*...pkt. 25

MIMULUS.

Extremely handsome flowers of brilliant colors. Seeds sown in spring make fine bedding plants for summer blooming, while seeds sown in autumn produce very effective early flowering green-house plants. *Half-hardy annuals.*

Moschatus—Musk plant, yellow; ½ ft.....pkt. 10

" **Compactus.** Similar to preceding except that it is of more compact habit, making it more suitable for pot culture.....pkt. 20

Tigrinus. Tigered and spotted varieties..... " 10

NEMOPHILA.

This is one of the most charming and generally useful of the dwarf-growing *hardy annuals*; all the varieties have a neat, compact and uniform growth, comprising varied and beautiful colors, admirably adapted for edging, etc. *Hardy annuals.*

Insignis. Deep blue, with white centre; ¾ ft....pkt. 5

Choice mixed; many sorts..... " 5

NASTURTIUMS.

A well-known and highly ornamental class of plants. The tall varieties are adapted for rock work. The new Dwarf or Tom Thumb varieties are a charming class with brilliant colored flowers, well adapted for bedding and massing in mixed flower-borders, most profuse bloomers; when in perfection nothing but a mass of the richest flowers are seen. The seed, if picked young, is an excellent substitute for capers. *Hardy annuals.*

New Liliput. See Novelties (page 36).....pkt. 15

DWARF OR TOM THUMB VARIETIES.

Aurora. Salmon rose, mottled blush white, garnet blotches...pkt. 5
Crystal Palace Gem. Sulphur spotted with maroon..... " 5
Empress of India. The flowers are of a brilliant crimson.. " 5
King of Tom Thumbs. Foliage is a beautiful blue green, with intense scarlet flowers.....pkt. 5
King Theodore. Blue green foliage and the blossoms of an intense black.....pkt. 5
Lady Bird. Orange yellow, red spots, extra..... " 5
Prince Henry. (New). Light yellow, spotted and marbled with scarlet..pkt. 5
Pearl. Cream white " 5
Yellow. Fine canary " 5
Scarlet. Very showy " 5
Collection of 6 varieties..... 25
Fine mixed ..... oz. 20c.; pkt. 5

TALL VARIETIES.

Red.....pkt. 5
Yellow..... " 5
Fine mixed, all colors .....oz. 15c.; " 5
Lobbianum. The leaves and flowers are somewhat smaller than the ordinary Tall Nasturtium; the flowers, however, are produced in greater profusion. Mixed colors..... pkt. 5
Madame Gunter, New Hybrids. This new section is distinguished by its dark foliage and a richness of color, not to be found in any of the different classes already grown. There are shades of rose, salmon, bright red, pale yellow, etc., either self-colored, spotted or striped. Its free and continued flowering makes it a useful and popular climber. All colors, mixed.....pkt. 10

NIEREMBERGIA.

Graceful little plants; valuable for small beds, edgings, etc. *Half-hardy annuals.*

Gracilis. White, veined with lilac; 3 ft.....pkt. 5

New Hybrids—Madame Gunter.

PANSY.

(Heartsease). This lovely flower, a favorite with everyone, is too well-known to need any description. Seed sown in August or September, and kept in cold frames through the winter and planted out in the spring, will blossom abundantly the whole season; for summer and fall blooming sow from January to June. The Pansy delights in loamy soil, enriched with thoroughly decayed cow manure. The seed we offer has been saved from celebrated collections in Europe, and will not fail to give perfect satisfaction. *Hardy perennials.*

Bruce's Premium. In our premium pansy we offer a strain that ranks *second to none*, for size of bloom, matchless form and substance, the flowers are beautifully blotched and pencilled with rich and striking colors....pkt. 25

President Carnot. New. The flowers are large, of elegant shape, and each of the five pure white petals is adorned with a deep violet blotch which covers the greater part of its surface. The two colors stand out in sharp contrast to each other and form a handsome combination. pkt..... 25

Bugnot's. The flowers of this variety are of immense size, symmetrical in shape, petals thick and beautifully marked; every lover of Pansies should give it a trial.....pkt. 25

Peacock. The chief characteristic of this variety consists in the two upper petals of the flower having a conspicuous central blotch of a delicate violet tint, which first deepen into intense violet and then change near the margin into a deep claret color, the extreme edge being nearly white.....pkt. 25

Non Plus Ultra. A grand strain of mammoth flowering pansies; great diversity of color; plant compact and bushy; very free bloomers .....pkt. 25

Cassier or Five-Blotched. A new and beautiful strain, perfect in size and form.....pkt. 25

Paris Market. The flowers of this celebrated French strain are of large size, and produce a great diversity of the handsomest and rarest colors. pkt..... 15

Giant Trimardeau. Flowers of immense size and beautifully marked; mixed colors.....pkt. 10

Giant White. An extra large white variety, with purple eye ..... " 10

Giant Yellow. Yellow, with large black eye; one of the finest and showiest varieties..... pkt. 10

Giant Striped. Extra large flowers of various shades and stripes..... " 10

Red and Red Shades. New and popular shades of red and brown, a superb mixture.....pkt. 10

King of the Blacks or Faust. Flowers intensely black..... " 10

Lord Beaconsfield. Grand color, purple violet, shading off in the top petals only, to a whitish hue.....pkt. 10

Very Fine Mixed. All colors..... " 10

Fine Mixed. All colors..... " 5

COLLECTIONS—IMPORTED GERMAN.

Twelve choicest varieties. 75 | Six choicest varieties.. 50

NIGELLA.

(Love in a Mist). A very interesting class of plants, with curious-looking flowers and seed pods. *Hardy annuals.*

Damascena. Dark blue; very pretty; ½ ft.....pkt. 5

Hispanica. Blue and purple; very showy; ½ ft... " 5

NOLANA.

Very pretty trailing plants, with convolvulous-like flowers; excellent for rustic work or hanging baskets. *Hardy annuals.*

Fine mixed.....pkt. 5

NICOTIANA.

Ornamental. *Half-hardy annuals.*

Affinis. Sweet-scented, pure white star-shaped flowers, three inches across, blooming continually in the greenhouse in winter or when bedded out in summer. pkt. 5

Macrophylla Gigantea. Of gigantic proportions; flowers of a deep red color.....pkt. 5

Colossea. An immense variety..... " 10

ŒNOTHERA.

A free-flowering and useful class of plants for beds or borders.

Biennis. (Evening Primrose). Yellow. *Hardy biennials.* pkt..... 5

Drummondii. Large; pale yellow. *Hardy annuals.* pkt. 5

OXALIS.

Beautiful small plants, suitable for the green-house, rockwork, baskets, or out-door culture; flowering the first year if sown early; blooms in clusters. *Half-hardy perennials.* 9 inches.

Tropæoloides. Yellow; very pretty.....pkt. 10

Fine mixed..... " 10

PHLOX DRUMMONDII.

This genus is unrivalled for richness and brilliancy of color, profusion and duration of bloom, which renders them of valuable service in the general flower garden; in fact, a finer sight than a bed of Phlox Drummondii is rarely to be seen. *Hardy annuals.* Height, 1½ ft.

Fine mixed, all colors ..... pkt. 5

LARGE FLOWERED PHLOX.

Alba. Pure White ..... pkt. 10
Alba Oculata. White, with purple eye ..... " 10
Leopoldi. Purple, white eye ..... " 10
Coccinea. Scarlet, splendid ..... " 10
Kermesina Splendens. Vivid crimson ..... " 10
Stellata Splendens. Crimson, with white star in the centre; very handsome. " 10
Finest mixed ..... " 10
Collection of six separate colors 50
Collection of twelve separate colors 75

DWARF PHLOX.

Nana Compacta. Grows about 6 inches high, fine mixed. pkt 10

DOUBLE PHLOX.

White. Sixty per cent. of the seedlings produce double flowers, fine for cutting ..... pkt. 10

Yellow. This pretty double yellow flower possesses a slight perfume. It is worthy of note that in order to produce the best double flowers these Phloxes should be grown in light soil ..... pkt. 10

PERENNIAL PHLOX.

Decussata. This charming hardy Phlox should have a place in every garden.

Finest mixed, all colors ..... pkt. 10

NEW STAR PHLOX.

Cuspidata. Very distinct and pretty. The flowers are deeply serrated and petals pointed, giving them a star-like appearance ..... pkt. 10

PETUNIA.

A very profuse flowering, easily cultivated garden favorite for outdoor cultivation. In summer there is scarcely a class of plants equal to this; it commences to bloom early and continues a mass of bloom the whole season. It is also very effective in pots for green-house or parlor decoration. *Half-hardy annuals.*

Hybrida. Fine mixed, self colors ..... pkt. 5
" **Grandiflora.** Extra choice mixed ..... " 10
Striped and Blotched. Splendid mixed ..... " 10
Inimitable New Dwarf. Very bushy, 5 to 6 inches high, with regular striped flowers; exceedingly effective, whether in masses or pots ..... pkt. 15
Grandiflora. Single fringed varieties, superb mixed ..... pkt. 25
Giants of California. A Californian strain of incomparable beauty. The flowers are of enormous size (4 to 5 inches across), and are produced in a wonderful variety of colors, markings, etc., including many charming and delicate shades ..... pkt. 25
Grandiflora Fimbriata flore pleno. Large flowering double-fringed Petunia, a grand acquisition. The flowers are very large and the colors very brilliant ..... pkt. 25
Grandiflora Fimbriata flore pleno. (Lady of the Lake). The finest double pure white variety yet introduced. About 30 per cent. of the seedlings come double ..... pkt. 25
Double Flowered. The seed we offer cannot be surpassed in quality. Flowers from this strain have measured 3 inches in diameter, of the most beautiful colors, as double as Camellias, and some of them as fragrant as the violet ..... pkt. 25

COLLECTIONS—Finest Imported.

Single. In 12 choicest varieties 75
Double. In 12 finest large flowering varieties 75
Double-Fringed. In 6 finest large flowering varieties 75

PRIMROSE.

Yellow. This old-fashioned favorite, so common in the hedgerows and meadows of Britain, is well worthy of a trial here .... pkt. 10

Double Petunia.

POPPY.

A tribe of showy, free-flowering plants, with large and brilliant colored flowers; well adapted for large mixed borders and shrubberies. *Hardy annuals.*

DOUBLE VARIETIES.

Dwarf French. Very showy; 2 ft.....pkt. 5
Carnation. Beautifully striped; 2 ft..... " 5
Mikado. Double flower with long feathery petals; white, fringed with crimson.....pkt. 5

Shirley Poppies.

SINGLE VARIETIES.

Shirley. A beautiful strain, with single flowers of many colors; for bedding they cannot be excelled pkt. 5
Tulip. The plant is from 12 to 14 inches high, and produces flowers of the most vivid scarlet imaginable. The two outer petals of the flower bears a similarity to a saucer, in which are set two erect petals of the same color. When the flowers begin to fade two black spots are visible at the base of the petals.....pkt. 10

PERENNIAL VARIETIES.

Iceland. A beautiful class of dwarf *perennial* poppies, which, if sown early, will bloom the same year. They are bright and showy, forming tufts of brilliant blossoms, borne on slender stalks about a foot high.....pkt. 10
Orientale. Dark red, extra fine ..... " 10

POTENTILLA ATROSANGUINEA.

A profuse flowering herbaceous plant, brilliant with crimson flowers; 1½ ft. *Hardy perennials*.....pkt. 5

PRIMULA OR CHINESE PRIMROSE.

One of the finest winter and spring blooming plants; indispensable for conservatory decoration. The seed we offer has been selected with great care from some of the finest strains in cultivation, and we can with confidence recommend it. *Green-house perennials.*

All Colors. Extra choice mixed.....pkt. 25
White, Alba Grandiflora. The ordinary white; very fine..... pkt. 25
White, Alba Magnifica. Superb large flower, with yellow eye; finely fringed; the best white grown.....pkt. 50
White, Mont Blanc. New. Large fringed, pure white flowers, pkt..... 25
White, Snow Queen. Snow white; extra.....pkt. 25
Red, Rubra. Bright red; splendid fringed flower..... " 25
Rubra Magnifica. This grand new Primula may be described as the red counterpart of Alba Magnifica. The fringing of the extra large bold flowers, which are of great substance, is of the same heavy character as in Alba Magnifica, the well-shaped truss being borne well above the foliage, which is deeply cut and of a good rich green color.....pkt. 50
Empress. A magnificent strain; the flowers, which are borne well above the foliage, are of a rich, deep velvety red color, beautifully fringed..... pkt. 50
Rose. Bright rose; a superb variety..... " 25
Striped. White Striped with red..... " 25
Royal Blue. The finest of all blues..... " 50
Fern-leaved Varieties. Mixed..... " 25
Collection of six finest colors..... 75
New Fimbriata Giant. A magnificent class of Primulas of immense size, and including many new shades of color.....pkt. 50

MIXED DOUBLE VARIETIES.

Embracing beautiful shades of magenta, scarlet, rose and white. The large double and semi-double flowers are invaluable for cutting during the winter months when other flowers are generally scarce. Per pkt., 50c.

PRIMULA OBCONICA.

With whitish lilac flowers, exceedingly floriferous and very useful for pots and bouquets; sown in February or early spring, will bloom uninterruptedly from middle of May, pkt..... 25

PRIMULA JAPONICA.

This beautiful Primrose is quite hardy, growing about 1¼ feet in height, producing from its tuft of robust leaves a stem bearing four or five separate tiers of whorls of charming flowers, each flower being an inch in diameter and of a splendid magenta color. *Half-hardy annuals*.....pkt. 10

PORTULACA.

For brilliant, beautiful and gorgeous colors this charming genus stands unrivalled; and whether in baskets, small beds, edgings or rock work, its large, splendid flowers, produced in the greatest profusion, are extremely effective; succeed best in light, gravelly soils, and in a warm situation. *Hardy annuals.*

Fine mixed single varieties; ½ ft.....pkt. 5
" double flowered; ½ ft..... " 10

PLATYSTEMON CALIFORNICUM.

A charming, free-flowering, dwarf-growing plant, very effective in small beds, rustic baskets and edgings; color cream, spotted with orange; ½ ft. *Hardy annuals.* pkt. 5

PINKS.

See Dianthus. Page 45.

POLYANTHUS.

Splendid free-flowering plants, either for pot culture or open border. *Hardy perennials.*

Gold Laced. Splendid mixed, from stage flowers; ¾ ft.....pkt. 10

Hose in Hose. One of the most beautiful strains of this old garden favorite, and one of the gems of English cottage gardens.....pkt. 20

Fine mixed, border varieties; 1 ft..... " 10

PYRETHRUM.

Handsome free-blooming plants, with Aster-like flowers; fine for bouquets. *Hardy perennials.*

Double varieties, finest mixed.....pkt. 15

YELLOW LEAVED SORTS.

Well-known dwarf growing plants, extensively used for bedding purposes.

Golden Feather (Aureum). Very popular.....pkt. 5

Golden Gem. Golden yellow foliage with double white flowers.....pkt. 10

Feverfew. See Matricaria. Page 50.

RHODANTHE.

One of the handsomest everlastings for winter bouquets. The flowers require to be gathered when young, and dried in the shade; succeeds best in a light, rich soil, and warm sheltered situation. *Half-hardy annuals.*

Mixed.....pkt. 5

RICINUS.

See Castor Oil Beans. Page 42.

ROCKET.

Very pleasing early spring flowers, profuse blooming plants, with deliciously fragrant flowers. *Hardy perennials.*

Purple and White. 1½ ft., each..... pkt. 5

ROSA MULTIFLORA NANA.

Liliput Roses. This new dwarf Polyanthus Rose flower the first season from seed sown in the open ground, and i started early in frames, or in boxes indoors, and transplanted to the outside like Asters, the plants will be in full bloom as early as July, and they will continue flowering in extraordinary profusion until late in the fall. The large double flowers are of perfect form, and are produced in every color exhibited by other roses. The plants grow only about 15 inches high, forming very neat, compact bushes about 3 feet in circumference. They are suitable for growing in pots or vases, as well as for massing in groups and for borders.....pkt. 10

SALPIGLOSSIS.

Highly ornamental and remarkably beautiful autumn blooming plants. Their curiously pencilled and marbled funnel-shaped flowers produce a fine effect in beds, borders, edgings, etc. *Hardy annuals.*

Finest mixed, beautiful colors; 1½ ft.....pkt. 5

SALVIA.

(Flowering Sage). Well-known for their brilliant colors; no plants can be finer for bedding. They are easily grown, free-flowering and showy. *Perennials.*

Splendens. Brilliant scarlet flowers, a magnificent variety; 3 ft.....pkt. 10

Splendens Compacta. In habit more dwarf and compact than above, flowers intense scarlet, unsurpassed for bedding and pots; 2 ft.....pkt. 15

Patens. Handsome large deep blue velvety flowers, highly recommended; 2 ft.....pkt. 15

Coccinea. Scarlet, very showy; 1 ft..... " 5

SANVITALIA PROCUMBENS.

A pretty dwarf free-flowering plant, suitable for small beds, rock-work or edgings; color rich brown and yellow; very effective in beds and masses. *Annuals.* 2 ft.
pkt..... 5

SAPONARIA.

Of these beautiful little plants it is impossible to speak too highly. They carpet the ground with their beautiful star-shaped flowers during the summer and autumn months; for edging they are unequalled, bearing cutting back if necessary. *Hardy annuals.*

Calabrica. Rich deep pink; ½ ft.....pkt. 5

SCABIOSA.

Sweet Scabious. The flowers are double, remarkably handsome and very richly colored, crimson, purple, pink and lilac shades predominating; splendid for cutting. *Hardy annuals.*

Dwarf Mixed. Double, all colors; 1 ft.....pkt. 5
Tall Mixed. Double, all colors; 2 ft..... " 5
Double White. Snowball, extra; 2 ft..... " 5
Double Yellow. A new color; very pretty..... " 10
Caucasica. One of the handsomest of *hardy perennials*, especially valuable for cutting, the bloom lasting a long time in water; lilac-blue; 3 ft.....pkt. 10

Double Scabiosa.

SMILAX.

A well-known green-house plant, largely used by florists for table and house decorations; color, white.....pkt. 10

SOLANUM.

One of the most beautiful classes of ornamental fruit bearing plants in cultivation. *Half-hardy perennials.*

Capsicastrum. (Miniature Orange Tree). Covered with a profusion of orange fruit; 1½ ft.....pkt. 10

Pseudo Capsicum. (Jerusalum Cherry). Orange scarlet fruit; 1½ ft.....pkt. 10

SENSITIVE PLANT.

(Mimosa). Very curious and interesting plants, their leaves closing if touched or violently shaken; may be grown out of doors, in a warm situation; grow in peat or loam; 1 ft. *Half-hardy annuals.*.....pkt. 5

A useful article for all homes, Myers' Bucket Spray Pump, $4.00; or Spramotor Baby Pump, $5.00.

(See Pages 70 and 71.)

STOCKS.

The stock is one of the most popular, beautiful and important of our garden favorites. Whether for bedding massing, edging or ribboning, it is unsurpassed either for brilliancy or diversity of color, or duration of bloom. *Half-hardy annuals.*

SUMMER FLOWERING TEN WEEK VARIETIES.

Fine mixed..... pkt. 5
Choice mixed, large flowered sorts..... " 10

Pure White..... " 10
Royal Gem. Rich dark crimson..... " 10
Giant Perfection. Choice mixed..... " 10
Giant or Tree. Choice mixed..... " 10
Wallflower-Leaved. Fine mixed..... " 10
" " Pure white..... " 10
Princess Alice (Improved Giant White Dresden Perpetual or Branching). This magnificent stock produces enormous spikes of large double white flowers; splendid for cutting.....pkt. 10
Triumph. Brilliant scarlet..... " 10
Snowflake. White forcing; a grand variety..... " 25
Collection, Large Flowering. 12 finest colors..... 75
" **Giant Perfection.** 6 finest colors..... 50
Collection Wallflower-Leaved. 6 finest colors..... 50

EAST LOTHIAN INTERMEDIATE STOCKS.

These stocks when properly cultivated are acknowledged to be the best of all intermediate varieties; the purity and constancy of their respective colors, their continuous blooming, and great percentage of double flowers which they produce, renders them most valuable for garden or pot culture.

Scarlet and White. Each.....pkt. 25
Snow White Wallflower-Leaved...... " 25
Collection of 4 distinct colors..... 50

BIENNIAL STOCKS.

Brompton, Snow White. Shining leaves; large flowered early variety of dwarf compact habit; produces 70 per cent. of very double pure white flowers.....pkt. 15
Brompton, Scarlet. Convent Garden variety.... " 10

SWEET SULTAN.

Very showy, fragrant and most useful for bouquets. *Hardy annuals.*

Yellow. Large bright yellow flowers; very pretty. pkt. 5
Mixed; purple and white; ½ ft..... " 5

SWEET PEAS.

These lovely and deliciously perfumed flowers have become unusually popular. When cut for filling vases the blooms will last for days. The seed should be sown *as early as the ground can be worked* in the spring, to enable the vines to get a good strong growth before the warm weather comes. Prepare the ground by thoroughly working in a large quantity of well-rotted manure. Make a trench 6 inches deep; in this sow the seed and cover 2 inches deep. As soon as the plants begin to show through fill in the trench. This will secure a deep planting without the bad effect of deep covering of the seed at first, and so enable the plant to bloom continually through the heat of summer. As fast as the flowers come into full bloom or fade they should be cut off, for if the pods are allowed to form the plants will stop blooming. Seed may also be sown with great advantage late in the autumn.

SELECTED SWEET PEAS.

The varieties marked (*) are Eckford's Large Flowering Hybrids.

***Blanche Burpee.** (New). Pure white, of exquisite form and immense size, it usually bears three flowers on a stem; a very chaste variety and highly recommended. Pkt. 5c., oz. 15c.

Blanche Ferry. Flowers large, pink and white, very fragrant; a free bloomer and very early. Pkt. 5c., oz. 10c.

***Blushing Beauty.** A delicate soft pink; splendid. Pkt. 5c., oz. 10c.

***Butterfly.** White, edged and shaded with blue. Pkt. 5c., oz 10c.

***Captain of the Blues.** Purple with pale blue wings. Pkt. 5c., oz. 10c.

***Countess of Radnor.** Standards open a pale reddish mauve, which fades into a soft lavender; wings pale lilac; extra. Pkt. 5c., oz. 10c.

***Duchess of York.** Flowers of the largest size; white, delicately striped and barred with pale pink, a beauty. Pkt. 5c, oz. 15c.

***Duke of York.** Bright rose standard; wings primrose shaded pink; handsome. Pkt. 5c., oz. 15c.

***Emily Eckford.** Rosy mauve, changing to an almost true blue. Extra. Pkt. 5c., oz. 10c.

***Eliza Eckford.** White, shaded and flushed with rosy pink; very pretty. Pkt 5c., oz. 10c.

Emily Henderson. Pure white, extra fine. Pkt. 5c., oz. 10c.

***Firefly.** Bright crimson scarlet, the best red. Pkt. 5c., oz. 10c.

***Gaiety.** White, striped and flaked with purplish pink; flowers large; splendid. Pkt. 5c., oz. 15c.

Grey Friar. (New). A light marbled mauve, of peculiar effect; flowers large; hooded form; very distinct. Pkt. 10c., oz. 25c.

Juanita. (New). Flowers large, of fine hooded form; color pure white delicately striped lavender; free bloomer; a choice variety. Pkt. 10c., oz. 25c.

***Lady Beaconsfield.** Standard salmon pink; wings primrose yellow; a beautiful variety. Pkt. 5c., oz. 15c.

***Lady Penzance.** Beautiful delicate rose tinged orange; a superb flower of large size and exquisite color. Pkt. 5c., oz. 15c.

***Lemon Queen.** Standard pale blush and lemon; wings pure white; very chaste. Pkt. 5c., oz. 10c.

***Lottie Eckford.** Flowers large, standard white, shaded mauve; wings white, blue edged; very handsome. Pkt. 5c., oz. 15c.

***Mrs. Eckford.** Delicate primrose yellow, exquisite. Pkt. 5c, oz. 10c.

***Mrs. Joseph Chamberlain.** The flowers of this handsome variety are extra large and are generally produced three to four to a stem. Color white, heavily striped and flaked with bright rose. Pkt. 5c., oz. 15c.

Ramona. (New). A creamy white, daintily splashed and striped with pale pink on both wings and standard; flowers large; hooded form; delicately beautiful. Pkt. 10c., oz. 25c.

***Royal Robe.** Standards a rich but delicate pink, wings a soft blush pink; an exquisite variety. Pkt. 5c., oz. 15c.

***The Senator.** Creamy white, striped chocolate. Pkt. 5c., oz. 10c.

***Stanley.** Deep maroon; flowers large; the finest dark. Pkt. 5c., oz. 10c.

***Venus.** Salmon-buff; magnificent flower. Pkt. 5c., oz. 10c.

Cupid. The new dwarf Sweet Pea, for description see Novelties, page 37. Per pkt., 10c.

Red Riding-Hood. For description of this new "freak" see Novelties, page 37. Per pkt, 15c.

SWEET PEAS IN MIXTURE.

The superb mixture we offer is a choice blending (mixed by ourselves), from named varieties only; including many of Eckford's best, insuring a most satisfactory result in colors, and vastly superior to the ordinary mixtures sold, which usually contain a large proportion of dull colors. Pkt. 5c., oz. 10c., ¼ lb. 25c.

Sweet Peas continued on next page.

SWEET PEAS—*Continued.*

Bruce's Royal Nosegay Collection. (Lithographed on Catalogue Cover). We offer this Collection of Sweet Peas for 1897, 1 pkt. each, Butterfly, Emily Eckford, Duke of York, Royal Robe, Grey Friar, Blanche Burpee, Firefly, Mrs. Eckford, Mrs. Joseph Chamberlain and Stanley, ten superb, large-flowered, free-blooming varieties, selected to give the greatest diversity of the choicest and most striking colors, at the extraordinary low price of 25c.

ECKFORD'S NEW SWEET PEAS. NOVELTIES, 1896.

Alice Eckford. Rich cream-tinted cerise standards, white wings; *the most chaste variety ever offered*.. ...pkt. 10

Captivation. Rosy-purple self, finely expanded, shell-shaped standard; quite distinct and beautiful...pkt. 10

Crown Jewel. Pale standards, tinted and veined with violet rose; the wings creamy, slightly tinted with rose; a most profuse bloomer.....pk . 10

Little Dorritt. Carmine-tinted pink; standard of finest form; large white wings; a superbly lovely variety. pkt..... 15

Mikado. Deep orange cerise ground, striped white; of exquisite form and good size.....Pkt. 10

SUNFLOWER.

(Helianthus). Very showy plants; remarkable for their stately growth, and the brilliancy and size of their flowers, and well adapted for large shrubbery borders, or round the margin of lakes or ponds. *Hardy annuals.*

Miniature Sunflower.

SINGLE VARIETIES.

New Miniature. Of dwarf branching habit, producing an abundance of small flowers of a bright golden yellow, with dark centre; one of the finest; 3 ft. . . . pkt. 5

Annus. (Common). Yellow, with black centre; 6 ft. " 5

Variegatis. Foliage green and white; 4 ft..... " 5

Giant Russian. Very large; 8 ft..... " 5

Primrose Dame. Flowers of a delicate sulphur yellow, with black centre; 6 ft.....pkt. 5

Uniflorus. Very tall; enormous flowers; 10 ft.... " 5

DOUBLE VARIETIES.

Dwarf Double. Very attractive; 4 ft.....pkt. 5

Tall Double. Large bright yellow flowers; 5 ft... " 5

Globosus Fistulosus. A handsome large flowered variety; 5 ft.....pkt. 5

Green Centered. Bright yellow; with green centre; 4 ft. pkt 5

SWEET WILLIAM.

Dianthus Barbatus. Well known and popular *biennials*; of easy culture. The plants are hardy and of vigorous growth; the flowers sweet-scented, borne in profusion, are of extreme richness and variety of color.

Hunt's Perfection. Splendid strain.....pkt. 5
Dunnett's. Double mixed..... " 5
Fine mixed..... " 5

THUNBERGIA.

Handsome, free-flowering and rapid growing climbers, for the conservatory or out-door cultivation. *Half-hardy annuals.*
Fine mixed.....pkt. 5

TORENIA.

A very fine *annual* forming a splendid plant for vases, hanging baskets, green-house, or for growing out of doors.

Fournieri. Large sky-blue flowers, with three spots of dark blue, and a bright yellow centre.....pkt. 15
White Wings. A very attractive, pure white variety, pkt..... 20

TRIFOLIUM ODORATUM.

Sweet Scented Clover. Very fragrant; 2 ft. *Hardy perennials*.....pkt. 5

VALERIAN.

Very showy border plants, with large umbels of light colored flowers. *Hardy perennials.* Fine mixed..pkt. 5

VENUS' LOOKING GLASS.

A free-flowering, pretty little plant especially adapted for beds, edgings etc. *Hardy annuals.*
Blue and White. Mixed.....pkt. 5

VERBENA.

A universal favorite, raised from seed sown in January or February; will bloom abundantly during the summer and autumn of the same year. The plants are more robust in growth, and produce more flowers than those propagated from cuttings. *Half-hardy perennials.* Fine mixed.pkt. 5
Very choice, from named flowers..... " 10
Striped Italian. Very fine..... " 10
Auricula Flowered. Fine mixed; beautiful strain. " 10
Auricula Coerulea. Sky-blue, with white eye.... " 10
White. Superb strain..... " 10
Defiance. Bright scarlet..... " 10
New Mammoth. The plants of this variety bloom freely and are vigorous in growth. The flowers are of the largest size and embrace all the beautiful new colors and shades ..... pkt. 10
Collection. (Imported). Of six finest colors..... 60

ZINNIAS.

Very handsome free-flowering plants, of great richness and variety of colors, which have long been general favorites. The flowers measure two to three inches in diameter, and of various shades of color, embracing purple, deep rose, light rose, mottled rose, red, orange and buff; they resemble in their outline a fine Double French Marigold, but much larger in size. *Half-hardy annuals.*

Collection of 6 finest double varieties 50
" 6 " dwarf double varieties 50
Double Mixed (Elegans fl. pl) ..... pkt. 5
" **White** " " ..... " 5
" **Scarlet** " " ..... " 5
" **Striped** " " ..... " 5
" **Tom Thumb.** Compact plants, not over 12 inches high; very pretty ..... pkt. 10
Double Pompon. A charming new class, with small and very double flowers, Mixed colors ..... pkt. 10
Haageana fl. pl. Flowers of a deep orange color; small and very double; fine for cutting; 1 ft ..... pkt. 10
New Giant (Grandiflora Robusta Plenissima, fl. pl.) This variety forms a handsome bush, 3 feet in height, and the mammoth double flowers, measuring 5 to 6 inches across, are of the most brilliant colors ..... pkt. 10

VIOLET.

Well-known fragrant spring flowering plants. *Hardy perennials.*

White Perpetual. Very pretty; ½ ft ..... pkt. 10
Blue Neapolitan. ½ ft ..... " 10

VISCARIA.

Very pretty, profuse flowering plants. Effective in beds or mixed borders. *Hardy annuals.*

Oculata. Pink, with rich, crimson eye; 1 ft ..... pkt. 5

VIRGINIAN STOCK.

Extremely pretty, profuse flowering little plants, effective in small beds, baskets or edgings; grows freely in any soil. *Hardy annuals.*

Red. ½ ft ..... pkt. 5

WHITLAVIA GRANDIFLORA.

One of the most charming Californian plants of recent introduction; very effective for beds, ribboning or mixed borders. *Hardy annuals.*

Gloxinoides. Blue and white; 1 ft ..... pkt. 5

XERANTHEMUM.

Very showy, free-flowering everlastings; valuable for winter bouquets. *Hardy annuals.*

Purple, Yellow and White. Mixed; 2 ft ..... pkt. 5

WALLFLOWER.

A well-known fragrant plant. *Half-hardy perennials.*

Blood Red. 2 ft ..... pkt. 5
Golden King. Fine yellow; 2 ft ..... " 5
Harbinger. Very early, color brown ..... " 5
German Double. Choice mixed; 2 ft ..... " 10
" " Collection of 6 finest colors 60
Fine mixed ..... pkt. 5

Special Mixture of Flower Seeds for Wild Flower Gardens.

These mixed flower seeds embrace a great variety of such easy-growing and pretty flowers as are suitable for forming a wild flower garden. They are very useful for sowing in almost any odd corner of the garden or grounds, and if kept free from weeds can be made to produce a continual display of bloom during the summer. Per pkt. 10c., ½ oz. 20c.

ORNAMENTAL GRASSES

Are particularly valuable for the formation of winter bouquets, wreaths and other ornaments in connection with the ever lasting flowers, for which purpose they should be cut when green, at about the time of flowering, and dried in the shade.

	Per pkt.
Agrostis Pulchella. Very beautiful	5
Agrostis Nebulosa. The most elegant of ornamental grasses	5
Avena Sterilis. (Animated Oats). Very interesting.	5
Briza Maxima. One of the best ornamental grasses; perfectly hardy	5
Briza Gracilis. Very beautiful variety from Cape of Good Hope	5
Bromus Brizæformis. Very fine grass, with elegant hanging ears	5
Bromus Madritensis. Very fine for dyeing	5
Chloris Barbata. Small growth and tassel-like	5
Coix Lacryma. (Job's Tears.) Broad corn-like leaves	5
Eragrostis Elegans. An elegant, airy grass of dwarf growth	5
Erianthus Ravennæ, Fol. Var. (New). Same habit as Erianthus Ravennæ, with beautiful variegated foliage	5
Erianthus Ravennæ. Extremely elegant; resembles the Pampas Grass in appearance and habit of growth; its noble plumes of silvery inflorescence are pure white and delicately beautiful; 7 ft	5
Gynerium Argenteum. (Pampas Grass). The most noble grass in cultivation; flowers second season; not quite hardy here, though we have kept plants safely by covering with leaves	5
Hordeum Jubatum. One of the finest for bouquets	5
Lagurus Ovatus. (Hare's Tail Grass). Small, white plumes; 1 ft	5
Stipa Pennata. (Feather Grass). Magnificent, but rather difficult to grow without heat	5
Zea Japonica, Fol. Var. (Striped Leaved Japanese Corn). The leaves finely striped with white.	5

FLOWERING BULBS.

GLOXINIAS AND TUBEROUS BEGONIAS.

Our stock of these beautiful and interesting plants is from a celebrated Continental grower, and can be recommended with confidence. We offer dormant flowering bulbs of the following:

Gloxinias.	Separate colors, Pure White, Scarlet, Scarlet with white throat, Tigered and Spotted	each 25
"	Mixed colors, unnamed	" 15
Begonias.	Single separate colors, White, Pink, Crimson, Scarlet and Yellow	" 15
"	Single Mixed colors	" 10
"	Double separate colors, White, Pink, Crimson, Scarlet and Yellow	" 25
"	Double mixed colors	" 20

DOUBLE TUBEROSE.

The fragrance and beauty of the Tuberose has made it a favorite with all. It keeps in bloom for a lengthened period, and its pure white wax-like flowers are produced in long spikes. Plant in the open ground in May; the bulbs can be started much earlier in pots if desired. Place in a sunny spot in rich soil and cover the top of the bulb to the depth of an inch.

The Pearl. Large flowering roots ..... per doz., 50c.; per 100, $3 00

FINEST DOUBLE AND SINGLE DAHLIAS.

Selected from the finest collection in Canada; the tubers are large and each will produce from two to three strong eyes. Plant when the ground is dry and warm, from middle of May to middle of June, in rich, loamy soil; water frequently after planting and tie to stakes. A little pruning and thinning out will produce extra large blooms. About the middle of October take up the roots, and place on shelves in a dry cellar, free from frost. Self colors and fancy varieties, 20c. each; $2.00 per doz.

CACTUS AND POMPON DAHLIAS.

This beautiful class produces flowers of exquisite form and color, and are very valuable for table bouquets and other floral decorations. 20c. each; $2.00 per doz.

LILIES, ETC.

		Each.	per doz.
Auratum.	(Golden Japan Lily). White ground with purple spots, flaked and striped with gold	$0 15	$1 50
Elegans		10	1 00
Lancifolium.	Album, white Japan	20	2 00
"	Roseum, rose Japan	15	1 50
"	Rubrum red, Japan	15	1 50
Pardalinum.	(Leopard)	$0 15	$1 50
Tigridia Pavonia.	Crimson, spotted tiger flower	05	50
Tigridia Conchiflora.	Yellow	05	50
Tigrinum.	(Tiger)	10	1 00
Iris German.	Mixed	10	1 00
" **Kaempferi.**	Mixed	15	1 50

COLOCASIA (CALADIUM) ESCULENTUM.

One of the most beautiful and striking of the ornamental foliage plants, either for cultivation in large pots or tubs, or for planting out on the lawn. 1st size, 20c. each; $2 00 per dozen. 2nd size, 10c. each; $1.00 per doz. Fancy leaved varieties, 20c. each; $2.00 per doz.

Gladiolus.

GLADIOLUS.

FOR SPRING PLANTING.

There are few flowers which produce such a gorgeous effect as this magnificent autumn flowering plant. Largely as they are used, and popular as they undoubtedly are, they deserve to be still more extensively grown. The great wealth and variety of color, the richness of their markings, the size of the flowers and the profusion of bloom, all combine to make them one of the most effective plants for the garden, either for massing or for growing as single specimens.

CULTURE—Gladiolus are of the easiest culture. The bulbs may be planted any time from the middle of May up to the end of June. They will grow well in ordinary garden soil with almost no care whatever. The bulbs may be taken up in the fall and stored during the winter in a dry cellar away from frost.

African. Darkest crimson black, with a pure white blotch in the throat. The darkest and one of the finest colors; large flower and spike..each 10

Ajax. Beautifully striped.... ..... " 10

Augusta. Lovely pure white, with blue anthers..... " 20

Bicolor. Large flowers of bright rosy salmon, except lower petals, which are ivory white, suffused with rose at edges..... .....each 20

Brenchleyensis. Vermillion scarlet, fine old variety ..... " 5

Chrysolora. Golden yellow, pure and distinct; the best yellow. " 25

Coquette. Large and fine flower of bright cherry red, with a conspicuous pure white blotch; upper petals striped with delicate rose..... each 10

Diamant. Fleshy white, of a remarkable freshness, throat ivory white; blotched and streaked carmine..... .....each 10

Duchess of Edinburgh. A flower of fine form and great substance; a plant of strong growth, purplish rose carmine stripe.....each 10

Fatima. Very large flowers of ivory white ground, profusely striped and suffused with bright rosy-salmon; violet blotch.....each 10

Grand Rouge. Enormous spikes and flowers of the most perfect shape; intense scarlet, with small violet blotch in the throat; grand..... .....each 10

Horace Vernet. Large, purple-red, with white blotch, each..... 10

Isaac Buchanan. Very fine yellow .....each 10

John Bull. White, slightly tinged with sulphur. " 10

Leander. Large flower of lilac color, beautifully shading off to carmine; distinct white bands in each petal, and white blotch.....each 15

Lamarck. Cherry, slightly tinged with orange, blazed with red; centre very well lighted; large pure white stain..... .....each 10

Marie Mies. Delicate rose, framed with carmine; slight blotch of rosy purple; dense spike.....each 20

Madame Monneret. Delicate rose... .....each 5

Mr. Bains. A distinct color, clear light red; self color, each..... 10

Nereide. Large compact spikes; large flowers of mother-of-pearl rose, suffused with lilac; blotched bright violet; grand..... .each 30

Octoroon. Beautiful salmon pink..... " 10

Pepita. Bright golden yellow flowers, slightly striped carmine at the edges of the petals towards the end of the flowering season..... .....each 10

Snow White. The only pure white, large, well-opened flowers and enormous spikes.....each 20

Sylphide. Pure white, flamed carmine; large and fine, each..... 10

U. S. Grant. Superb new variety, the largest flowering one known; spikes of enormous length of firm lasting substance; color distinct ivory white, beautifully veined with purplish blue..... .....each 30

The above Collection of 25 fine separate varieties.....$3 00

Collection of 20 varieties, our selection..... 2 00

Collection of 12 varieties, our selection..... 1 00

Childsii. A new departure in gladiolus; in growth they are much stronger and more vigorous than the others, very tall and erect, branching freely and with immense spikes of bloom. The flowers are of great substance, and of large size, and the coloring cannot be surpassed by even orchids. Every color known among gladiolus, and many never before seen, are represented in this beautiful class. Per doz., $1.00.

Lemoine's New Hardy Hybrids. The odd and fantastic markings of these Gladiolus and their beautiful shape resemble the fascinating beauty of the Orchid, yellow, crimson, white, brown, pink, etc, are blended together, producing an effect seen in no other flower.

Fine mixed varieties, per doz., 50c; $3.00 per 100.

GLADIOLUS IN SEPARATE COLORS.

THESE ARE CHOICE AND ABSOLUTELY TRUE TO COLOR.

White and Light. Mixed; superb. Per doz., 50c.; per 100, $3.00.

Scarlet and Red. Extra fine mixed. Per doz., 40c.; per 100, $2.00.

Pink. Fine pink and rose shades. Per doz, 40c.; per 100, $2.00.

Yellow and Orange. Best yellow colors. Per doz, 65c.; per 100, $5.00.

Striped and Variegated. Extra fine. Per doz., 50c.; per 100, $4.00.

All colors, choice mixed. Per doz., 25c.; per 100, $1 50
" 2nd size " " 15c; " 1.00

STRAWBERRY PLANTS.

WHEN ORDERED TO BE SENT BY MAIL, ADD 20 CENTS FOR POSTAGE ON EVERY 100 PLANTS.

The following list consists of the standard varieties in general cultivation:

	Per doz.	Per 100
Michael's Early. An extra early variety; prolific bearer; color scarlet	$0 30	$1 50
Wilson's Albany. An old favorite, being a good cropper and unexcelled for shipping	25	1 00
Brandywine (Staminate). A new variety, of immense size and finest quality, continues a long time in bearing; a most desirable variety	35	1 50
Williams (Staminate). A valuable variety of Canadian origin; fruit large and handsome; an abundant bearer and of excellent flavor; largely grown for market purposes	30	1 00
Bubach (Pistillate). Very strong, vigorous plants, producing early fruit of the largest size and finest flavor.	30	1 00
Haverland (Pistillate). A vigorous grower and abundant bearer; fruit large and moderately firm	25	1 00

RASPBERRY PLANTS.

Columbia. A wonderful new variety, at present in great demand; an unusually vigorous grower and very prolific. Per plant, 25c.; per doz., $2.50.

	Per doz.	Per 100
Cuthbert. Red, vigorous and very hardy; an abundant bearer; fruit large and of the finest flavor	$0 40	$1 50
Golden Queen. The best of all yellow Raspberries	40	1 50
Gregg. The best of all black cap varieties	40	1 50

CURRANTS AND GOOSEBERRIES.

	Per doz.
Red Cherry	$1 00
Victoria Red	1 00
Raby Castle Red	1 00
Fay's Prolific Red	1 00
Black Champion	1 50

		Per doz.
Black Naples		$1 00
Lee's Prolific Black		1 00
Gooseberries.	Smith's Improved White	1 50
"	Downing	1 00
"	Red Jacket	1

When Currants, Gooseberries or Raspberries are ordered to be sent by mail, 25 cents additional must be remitted on each dozen ordered, to prepay postage. Express is the most satisfactory way of sending these plants.

CLEMATIS IN VARIETY.

There are no hardy climbing plants attracting more attention and admiration at the present time than the Clematis. They are in continuous flower from June till November, and are all perfectly hardy; excellent for covering walls, trellises, porches, verandas, old stumps, etc. They require good, rich soil. In very dry weather, water occasionally.

Duchess of Edinburgh. Double, pure white, fragrant.
Henryi. Pure white, very large; the best of all the single white varieties.
Jackmanii. The best known of all Clematis, intense violet purple.
Jackmanii Superba. The same color and character as Jackmanii, but of a stronger and more robust habit.
Mrs. Jas. Bateman. Delicate mauve.
Paniculata. Creamy-white fragrant flowers, borne in the greatest possible profusion; a hardy and vigorous climber.

THE ABOVE IN STRONG TWO-YEAR OLD PLANTS, PRICE 60 CENTS EACH, POSTPAID.

HARDY HERBACEOUS PLANTS.

	Per doz.
Delphiniums. Hybrids	$1 50
Hollyhocks. Fine mixed	1 50
Iris German. Fine mixed	1 50
Phlox. Hardy, named	2 00

		Each.	Per
Pæonias.	Fine named	$0 50	$4
"	Fine mixed	25	2 50
Violets.	Fine mixed		1 50

CHOICE BEDDING AND OTHER PLANTS.

Abutilons	per doz.	$1 00
Begonias. Flowering	"	1 50
Carnations	"	1 00
Chrysanthemums	per doz.	$1.00 to 2 00
Coleus	per doz.	80
Cannas. Named	"	1 50
Cyclamen	each, 15c. to	25
Geraniums. Double and Single	per doz.	1 00
" Ivy Leaf	"	1 50

Heliotropes	per doz.	$1
Oleanders. Double and Single	each	25
Pansies. Extra choice	per doz.	50
Petunias. Double	"	1 50
" Single	"	80
Roses. Climbing	each	25
" Hybrid Perpetual, 1 year pot grown	"	15
" " " 2 year strong plants	"	30
" Moss, 2 year strong plants	"	35

BRUCE'S SELECT LAWN GRASS MIXTURE, Per lb. 30 Cents, Postpaid.

.....FERTILIZERS.....

The Buffalo Ammoniated Bone Superphosphate is a highly concentrated, active and efficient fertilizer. It is dry and finely powdered, therefore well adapted for drilling or sowing broad-cast; the soil quickly takes hold of it, and the plant derives just the nutriment needed. It is particularly adapted for wheat, corn, rye, buckwheat, oats, barley, grass, tobacco, hops and fruit trees, and the testimonials which can be produced certifying to the value of Bone Superphosphate as a fertilizer are unlimited, it frequently doubling the natural crop. For grain crop use 300 to 500 pounds per acre; for grass crops 250 to 300 pounds per acre. $45 per ton, $6.00 per barrel of 250 pounds, $3.00 per 100 pounds.

Buffalo Pure Ground Bones for fertilizing purposes. Our ground bones are a very superior and carefully prepared fertilizer. A machine that will sow plaster will also answer the above. In Turnip culture they are particularly recommended. Apply at the rate of ten bushels (600 pounds) per acre, and drill in with the seed. Highly recommended for lawns, etc. $3.00 per 100 pounds, $5.00 per bag of 200 pounds, $45 per ton.

Peruvian Guano. From the large amount of ammonia and phosphate contained in pure Guano, it is one of the most powerful stimulants for plants and growing crops. Before using it should be made fine, and may be mixed with loam, charcoal dust or plaster. It should not be mixed with lime or ashes; muck and clay also are not suitable. It should not come in contact with growing plants. As it is nearly soluble in water, it is most easily converted into liquid manure, and when applied in that form its effects are almost immediate. One pound of Guano to twenty gallons of water will be sufficiently strong for a single watering each week, or more efficient than repeated waterings with weaker solutions. Per pound, 10c.; 25 pounds, $2.00; 100 pounds, $6.00.

Nitrate of Soda. A powerful fertilizer, containing a large percentage of nitrogen, the property which soil most requires. Per 100 pounds, $3.50.

Gypsum, or Pure Land Plaster, is white. It has great power in seizing on the escaping ammonia and giving it to plant life. Gypsum is the cheapest, and especially when used in conjunction with manure, one of the most powerful fertilizers in nature. It also attracts moisture. Is used largely on all crops, and is of great benefit to Lawns, as well as to every sort of Fruit Trees, Vegetables or Flowers. Sow early in the spring and autumn, when verdure is moist. Best effect to sow light and often. In good linen bags containing 200 pounds, 75c. per bag; $6.50 per ton.

Hammond's Sward Food. A first class top dressing, especially prepared for Lawns, Meadows and all grass lands, to assure a thick, matted growth of rootlets. It is bad for the grubs and brings no weeds. Approximate quantity to be used: For say 2,000 square feet, 25 pounds; per acre, 600 to 1,000 pounds. No unpleasant odor, and quick results. For flowers, stir it in the soil and it will help to make a poor flower bed profuse, bountiful and beautiful. Morning Glories fairly revel from its effects, and so do all running vines and Cabbage, Kale and Spinach. In 5 pound packages, 35c.; 10 pound packages, 60c.; 100 pound kegs, $4.50.

SPECIAL MANURES FOR HOUSE AND GARDEN PLANTS.

Peruvian Guano. This valuable food plant is put up in packages at 10 and 25 cents each.

Aimes' Chemical Manure. One of the finest fertilizers known for all kinds of pot plants. It appears to be an insecticide as well as a stimulant. Per package, 10 and 25 cents each.

PREPARATIONS FOR THE DESTRUCTION OF INSECTS.

Carbonate of Copper Fungicide. For destroying mildew, apple scab, etc. Contents of one jug are emptied into seven gallons of water, and it is then ready for use. In stone jugs, 30c. each.

Church's Potato Bug Finish. One of the best destroyers of potato bugs on the market; has given splendid satisfaction. It is also recommended to destroy all insect life which feeds on the leaves of plants, shrubs, bushes, etc. Use 25 lbs. to acre, and dust it on with a fine sieve. Apply after a rain or after the dew in the morning, so that it will adhere to the vines. In 1 lb. canisters, 10c. each; in 5 lb. lots, 25c.; in 25 lb. lots, 60c.; in 100 lb. lots, $1.50; barrels of 300 lbs. $4.

Grape Dust. (Hammond's). An excellent article for killing as well as preventing mildew, mould, or rust mites, on roses, grapevines, and other plants or trees affected by the same. More effectual and cheaper than sulphur. Requires to be applied reasonably frequent. In 5 lb. packages, 40c; in 100 lb. kegs, $6.00.

Gishurst Compound. (Patented). For preventing and destroying red spider, mealy bug, mildew, green and brown fly, thrip, scale, blight, ants, etc. It is largely used by the leading horticulturists in Britain and America. Numerous testimonials accompany each box. Price, 50c. a box.

Hughes' Fir Tree Oil. This new insect destroyer has proved to be one of the most reliable for red spider, green fly, mealy bugs, scale, ants, thrip, onion fly, caterpillar, slugs, blight, etc. It is also much used as a dog wash. Fir Tree Oil is put up and sold in bottles with directions for its use. Per large bottle, 75c.

Rammonds' Thrip Juice kills lice and scale. A concentrated liquid insecticide for destroying the lice, scale, caterpillars, mealy bugs, etc. Non-poisonous diluted with two hundred times its bulk. Arseniated, for orchard use, diluted with four hundred times its bulk of water. Pint cans 40c., quart cans 75c.

Slug Shot. (Hammond's). It is in the form of an impalpable powder, and is fatal to insect life in every form in which they are injurious to vegetation. It not only acts as an insect destroyer but it will be found to be an excellent fertilizer, as plants upon which it is used will be found to grow and look much finer than those upon which it is not. It contains nothing injurious to domestic animals, and does not deteriorate by age. On low growing plants it should be dusted on with a very fine sifter. Canisters with perforated top, filled with Slug Shot, 30c. each. In 5 lb. packages, 35c; 10 lb. packages, 65c.; in barrels of about 225 lbs., 4½c. per lb.

Thomson's Styptic. A preparation for preventing the bleeding of vines; largely used by the leading horticulturists in Great Britain. Per bottle, 75.

Whale Oil Soap. For preserving flowers, shrubs, vines and particularly rose bushes, from the destructive effects of slugs, grubs, worms, etc. In 1 lb. bars, 20c. each; in bulk, 15c per lb.

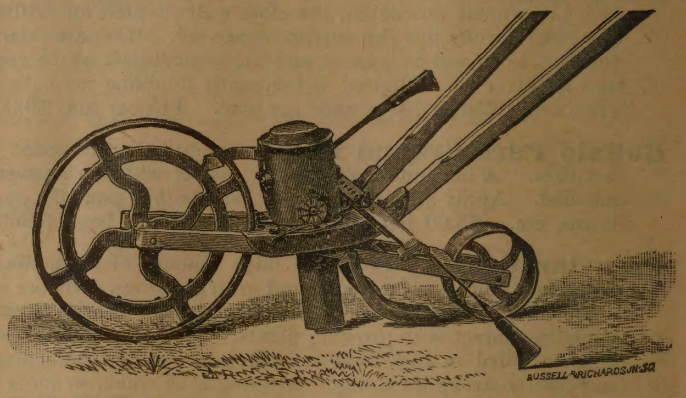
Labor Saving Implements.

MATTHEWS' IMPROVED SEED DRILL.

With New Seed Cut-off and Improved Markers.

Is everywhere acknowledged to be the standard Drill of America. It has been many years in use, and its largely increasing sale is the best evidence of its merit.

It is designed for use in field or garden. When in operation it opens the furrows, drops the seed accurately at the desired depth, covers it, and lightly rolls the earth down over it, and at the same time marks the new row. It will sow *Beet, Carrot, Onion, Turnip, Parsnip, Sage, Spinage, Sorghum, Peas, Beans, Fodder Corn, Broom Corn, Etc.*, with a certainty, regularity and rapidity impossible for the most skilful hand to do.



Price, Boxed, - - - $8.00.

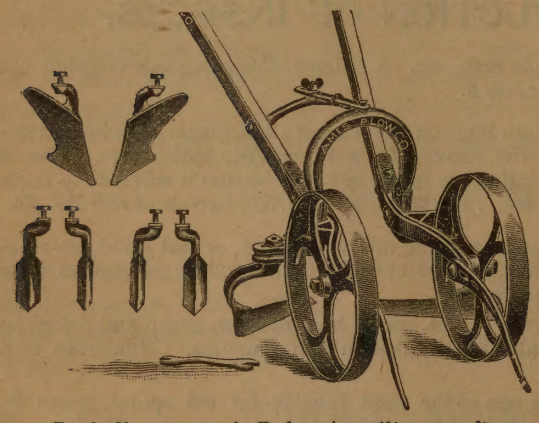
MATTHEWS' NEW UNIVERSAL HILL AND DRILL SEEDER.

Same in style and working qualities as the above, just described, but so arranged as to drop the seed either continuously in drills or at distances of 4, 8, 12, 16, 24 and 48 inches apart. The adjustment of this Hill Dropper saves the seed, as no more than desired is dropped at a time. The adjustment from drills to hills is made by one screw in attaching the brass cut-off to the agitator. **Price, Boxed, $10.00.**

MATTHEWS' GARDEN GEM DRILL.

This has been perfected to meet the demand for a low-priced drill. We have not only accomplished this in our design, but here offer a drill with all the essential qualities of the Matthews principle, even to embodying Seed Dial and Indicator, from exactly same patterns as those used on the larger and more expensive drills. We do not recommend it for use instead of the larger drills, but we are sure that all in want of such a drill as we represent this to be will find it to their advantage to buy the Matthews' Garden Gem. This drill does not have the new Seed Cut-off, but the Agitator can be checked same as in the larger drills. **Price, Boxed, $6.00.**

MATTHEWS' NEW UNIVERSAL DOUBLE WHEEL HOE, CULTIVATOR, PLOW AND RAKE.



Including one pair Rakes (not illustrated).

Specially designed for working both sides of the row at one passing. The special recommendation is the *Adjustable Arch*, by which not only the *depth* of work can be gauged, but which, by an ingenious device enables the teeth to be pitched at any angle desired. It can be pushed straight ahead, but better results are obtained by using it same as a scuffle hoe, with successive strokes of length to suit the nature of soil and crop. It can be used either astride or between rows. To work both sides of the row at one passing, the attachment can be set to suit width of crop to be cultivated, keeping road midway between the wheels; no need to watch the teeth. The hoe blades can be set to turn in or out as desired by the operator. Four cultivator teeth are furnished with each; two can be used at desired width to mark out rows. For furrowing, the plows can be set close together and turn outward; for covering, set to width desired and turn inward. The depth can be regulated by adjusting wheel arms in the three holes provided on each side of Arch, also, by pitching the Arch by means of the arch brace and the thumb bolt, where it connects to the lower handle brace. The leaf guards are to prevent wheels from injuring large spreading foliage.

Price, Boxed, $6.50. With one pair Hoe Blades only, $4.00.

MATTHEWS' NEW UNIVERSAL SINGLE WHEEL HOE, CULTIVATOR, PLOW AND RAKE.

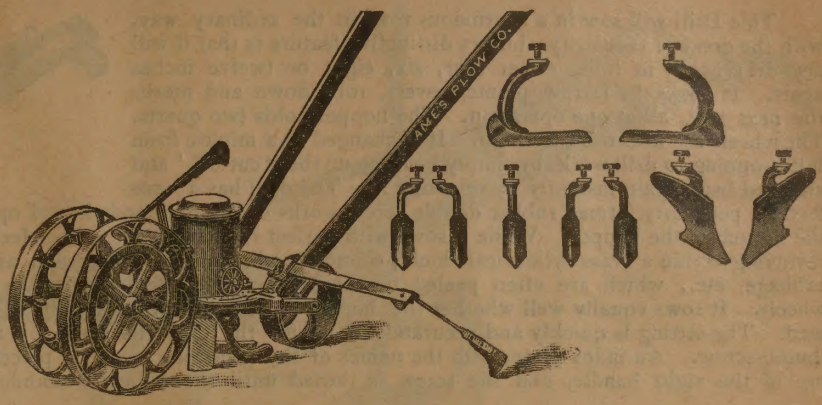
As with the *Double* Wheel Hoe just described, it can be used either between or astride the rows, although it is really intended for between row cultivation. For straddle cultivation the wheel can be set to one side so as to bring the row of *young* plants under centre of frame. Later cultivation must be done between rows. The adjustment for graduating the depth of cultivation is unique and readily accomplished. There are five adjustments of depth. The attachments are 1 pair Hoes, 5 Cultivator Teeth, 1 pair Plows, 1 pair Rakes and 1 Vine or Leaf Guard.

Price, Boxed, $5.50. With one pair Hoe Blades only, $3.50.

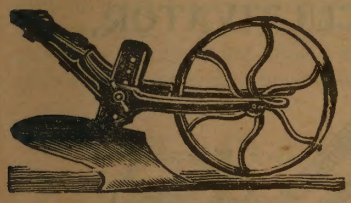
MATTHEWS' NEW UNIVERSAL DOUBLE WHEEL COMBINED DRILL, HOE, CULTIVATOR, PLOW, ETC., INCLUDING ONE PAIR RAKES (not illustrated).

THIS desirable combination of the **Garden Drill** already described with the new Universal Cultivating Attachments is one which cannot fail of recommending itself to all. The attachments are one pair Hoes, five Cultivator Teeth, one pair Rakes and one pair Plows. The seeding and covering apparatus can be readily removed when the implement presents much the appearance of the New Universal Single Wheel Hoe, Cultivator and Plow, and is used to do the same work.

It is not necessary to remove the seed box, as the teeth can be inserted in the frame with this attached. Can be used either as a Double or Single Wheel Machine.



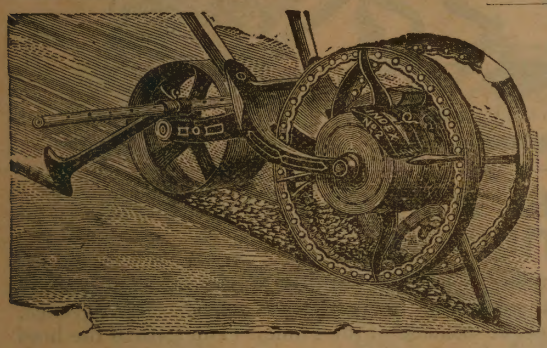
PRICE, BOXED, - - $10.00.



NEW UNIVERSAL HAND WHEEL PLOW.

This little labor-saving implement is one that commends itself to all gardeners. It can be used to prepare the ground, to furrow out, to cover, and to cultivate. The mould board is of steel, polished and tempered.

PRICE, BOXED, - - $2.50.



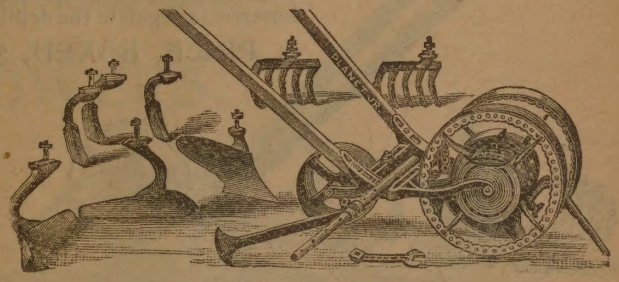
THE "PLANET JR." No. 2 SEED DRILL.

Sows all garden seeds accurately at any desired thickness or depth, opening, dropping, covering, rolling down and marking the next row in the most perfect and reliable manner, all at a single passage. It holds two-and-a-half quarts. It has no cams, cover brushes, cogs, springs or shakers, to get out of order; it is noiseless, automatic, self-cleaning and accurate; remarkable for simplicity, strength, and for ease and perfection of work in the field. No one having use for a Seed Drill can afford any other; it is the latest improved and best.

PRICE, BOXED, - - $8.00.

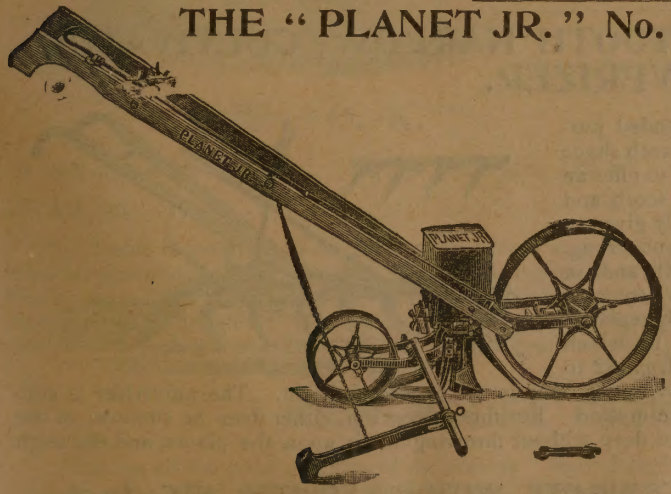
THE "PLANET JR." COMBINED DRILL, WHEEL HOE, CULTIVATOR AND PLOW, ETC.

This tool is unrivalled in beauty of design, perfection of finish, convenience and capacity for work; it is suitable for either the farm or the garden. As a Seed Drill it is the same as the No. 2 except in size. It holds one quart. Each tool is supplied with one pair of long hoes, three reversible cultivator teeth, and a large garden plow. As a Hoe it works safely and closely both sides of the row at once when plants are small; between rows when plants are large, working all rows up to sixteen inches wide at one passage As a plow it opens furrows, covers them, hills, plows to and from, etc. As a Cultivator it is admirably adapted to deep mellowing of the soil. All the blades are tempered and polished steel. Easily changed from a Drill to its other uses.



PRICE, BOXED, - - - - - $11.00.

THE "PLANET JR." No. 3 HILL DROPPING SEED DRILL.

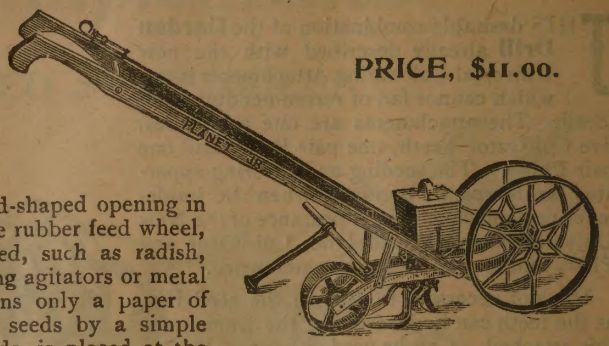


SOWS EITHER IN HILLS OR IN A CONTINUOUS ROW.

This Drill will sow in a continuous row, in the ordinary way, with the greatest regularity; but its distinctive feature is that it will drop neatly in hills, either 4, 6, 8, 12 or 24 inches apart. It opens the furrow, drops in hills or drills, covers, rolls down and marks the next row, all at one operation. The hopper holds 3 quarts. The wheel is 13 inches high. It is changed in a moment from hill dropping to drill work. It has a force feed, sows equally well whether the hopper is full or contains only a paper of seed, and will not injure delicate seed, such as Radish Cabbage, etc., which are so often peeled or crushed by Drills having agitators or metal wheels. It is nicely adapted to all conditions of land, working especially well in fresh ground or when planting on a ridge. The plow is adjustable and opens a very narrow furrow, which is a great advantage for after cultivation.

PRICE, BOXED, - - $11.00.

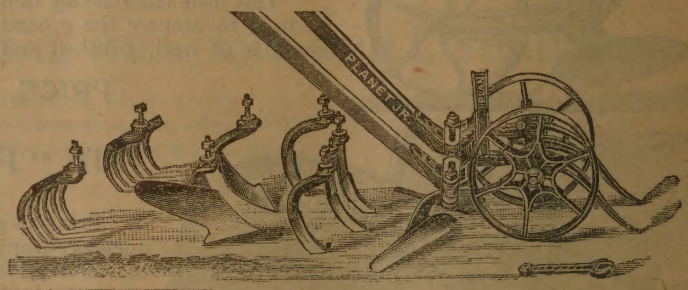
THE "PLANET JR." HILL DROPPING DRILL.



PRICE, $11.00.

This Drill will sow in a continuous row, in the ordinary way, with the greatest regularity; but its distinctive feature is that it will also drop neatly in hills, either four, six, eight or twelve inches apart. It opens the furrow, plants, covers, rolls down and marks the next row, all at one operation. The hopper holds two quarts. The wheels are fifteen inches high. It is changed in a minute from hill dropping to drill work, by simply hooking up the "cut-off," and changed back again instantly by releasing it. The drill has a force feed; a peculiarly formed rubber double screw works over a diamond-shaped opening in the bottom of the hopper. While it sows with perfect regularity, the rubber feed wheel, revolving within a brass cylindrical shield, cannot injure delicate seed, such as radish, cabbage, etc., which are often peeled or crushed by drills having agitators or metal wheels. It sows equally well whether the hopper is full or contains only a paper of seed. The setting is quickly and accurately done for the different seeds by a simple thumb-screw. An index plate, with the names of the principal seeds, is placed at the top of the right handle, and the screw is turned until the indicator stands opposite the name of the one to be sown.

THE "PLANET JR." DOUBLE WHEEL HOE, CULTIVATOR, RAKE AND PLOW COMBINED.

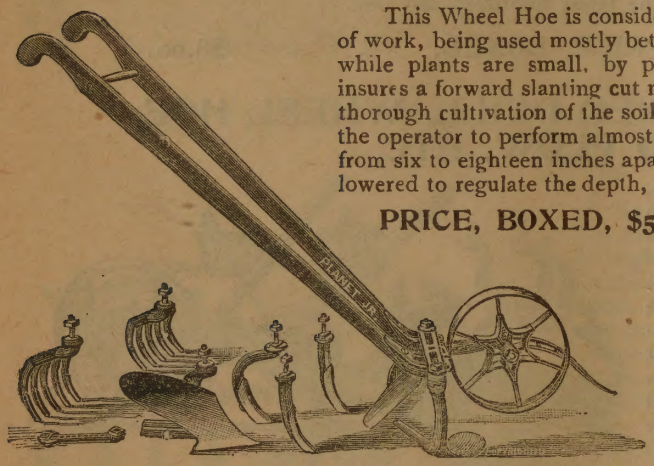


This tool is especially adapted to Onion culture. It is light, strong, firm, quickly set and easily managed. Each tool is set out with two hoes, four cultivator teeth and two plows. The wheels are adjustable in height, can be set four, seven and ten inches apart, and the arch is fourteen inches high, thus enabling the operator to work both sides of the row at once at the time when such work is most necessary.

PRICE, BOXED, - - $7.50

PLAIN DOUBLE WHEEL HOE, 4.50

THE "PLANET JR." SINGLE WHEEL HOE, CULTIVATOR, RAKE AND PLOW COMBINED.



This Wheel Hoe is considerably lighter than the Double, but does almost the same variety of work, being used mostly between the rows yet it can be used to hoe both sides at once, while plants are small, by placing the wheel at one side of the frame. The form of the hoes insures a forward slanting cut next to the plant and consequent close work without danger, and thorough cultivation of the soil. The rakes and cultivator teeth and the hoes and plow enable the operator to perform almost every variety of work, either in the field or garden. All rows from six to eighteen inches apart can be hoed at one passage. The frame is quickly raised or lowered to regulate the depth, and the wheel has an extra broad face.

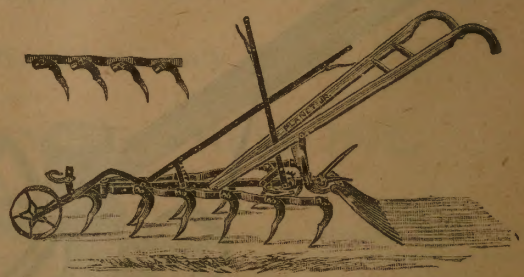
PRICE, BOXED, $5.50. PLAIN SINGLE WHEEL HOE, $3.50.

THE "FIRE-FLY" SINGLE WHEEL HOE, CULTIVATOR AND PLOW.

This is exactly the same as the "Planet Jr." Single Wheel Hoe, excepting that it does not have the rakes or leaf lifter. The attachments are a pair of hoes that can be set to work to or from the row, a set of three reversible cultivator teeth and a large garden plow.

PRICE, BOXED, $4.75. PLAIN SINGLE WHEEL HOE, $3.25.

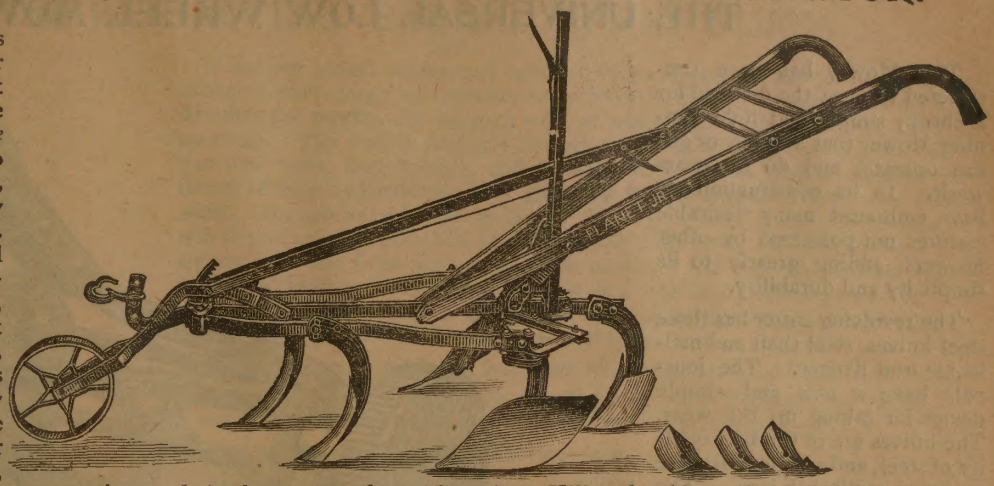
THE "PLANET JR." TWELVE TOOTH HARROW, CULTIVATOR AND PULVERIZER.



This new tool is offered as the very best known for its intended purpose. The frame is high. The blades are an inch wide, and of such shape as to work in the most thoroughly satisfactory manner, and to offer an unusual amount of wearing surface. The recurved throat of the tooth and the high frame prevent clogging. The reverse position is quickly given to the teeth by changing a single bolt in each. The frame is heavy and strong. The teeth are set straight with the line of motion at medium width, and are interchangeable. They may be worn off three inches before requiring renewal and yet retain the original cutting width, and are cheaply replaced when worn. This tool has our lever expander and lever wheel, by which the depth and width may be changed instantly while in motion from 32 to 12 inches, and also a thorough pulverizer attachment, which leaves the ground in the finest condition. The pulverizer is controlled by a lever, which is operated instantly by the foot while in motion. For fine cultivation, either deep or shallow, or for working among small plants, this tool has no equal. It cultivates deep without throwing earth upon the plants, and the teeth turn Strawberry runners without injuring them.

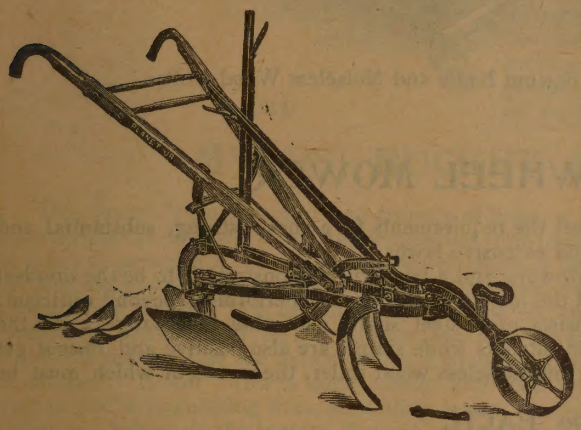
PRICE, PLAIN, $6.50. WITH WHEEL, $8.00. COMPLETE, WITH PULVERIZER, ETC., $9.50.

THE "PLANET JR." No. 6 HORSE HOE AND CULTIVATOR.



Chief among its advantages is the *Lever Wheel*, a necessity for particular work; the patent *Lever Expander*, changing the width instantly; and *Handle Adjustment* for height, and also sidewise for use in pole beans, grapes, blackberries, nursery stock, etc, and when covering. It also has the patent parallel frame, interchangeable and adjustable *Hollow Steel* standards, reversible blades, sleeved bolt holes, etc. As a *Horse Hoe*, with side teeth reversed, it cuts close to the row without injury to the roots, leaving but little and in many cases nothing for the hand hoe. As a *Cultivator*, the reversible teeth cut off and turn over the weeds in the most perfect style. As a *Hiller*, the side teeth work in combination with the rear shovel to perfection. **Price, $9.50; without Wheel, $8.50.**

THE "PLANET JR." No. 8 HORSE HOE AND CULTIVATOR.



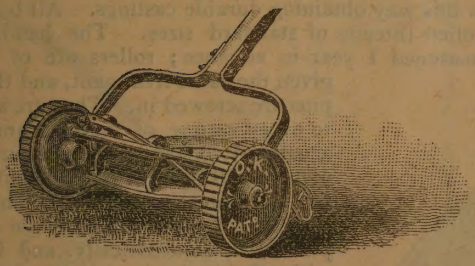
This is an improvement on the No. 6 Horse Hoe, and differs from it as follows:—

The Frame is longer than usual and about one-and-a-half inches higher, making a tool that will not clog easily. *The Standards* are framed up hollow with round throats of stiff steel; they polish quickly and free themselves readily from obstructions, and they clasp the frame and strengthen it. *The Depth* is under perfect control by means of a new lever wheel, and the new patented depth regulator; these are moved instantly in unison by a single lever, making exact work, steadying the machine and relieving the operator. *The Expander.* This is an entirely new pattern, superior to all other forms; exceedingly strong, simple, accurate and positive in all positions. *Handles and Braces.* These are also absolutely new and the most effective and stiffest combination known, at once making the tool rigid, yet allowing every adjustment of handles in height and sidewise.

Every part is perfected to make the tool acceptable to the intelligent farmer, who knows the best is always the cheapest.

PRICE, $10.00; without Wheel, $9.00.

LAWN MOWERS.

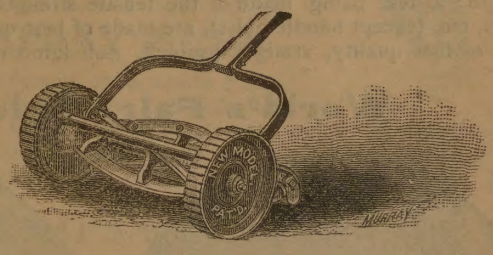


THE "O. K."

14 inch cut.....$5 00

16 inch cut..... 5 50

This Lawn Mower has been thoroughly tested and we have no hesitation in recommending it in every respect as a first-class machine. For lightness of draft, simplicity of construction and adjustment this Lawn Mower is a great success; its quality is unquestioned, and is fully guaranteed.



NEW MODEL MOWER.

16 inch cut.....$9 00

For simplicity, durability, and quality of work this Mower is superior to any in the market, while for lightness of draft, it excels any other Lawn Mower now manufactured. All that mechanical skill can devise, or the experience of a score of years in the manufacture of lawn mowers could suggest are embraced in the construction of the NEW MODEL LAWN MOWER.

NEW MODEL HIGH WHEEL MOWER.

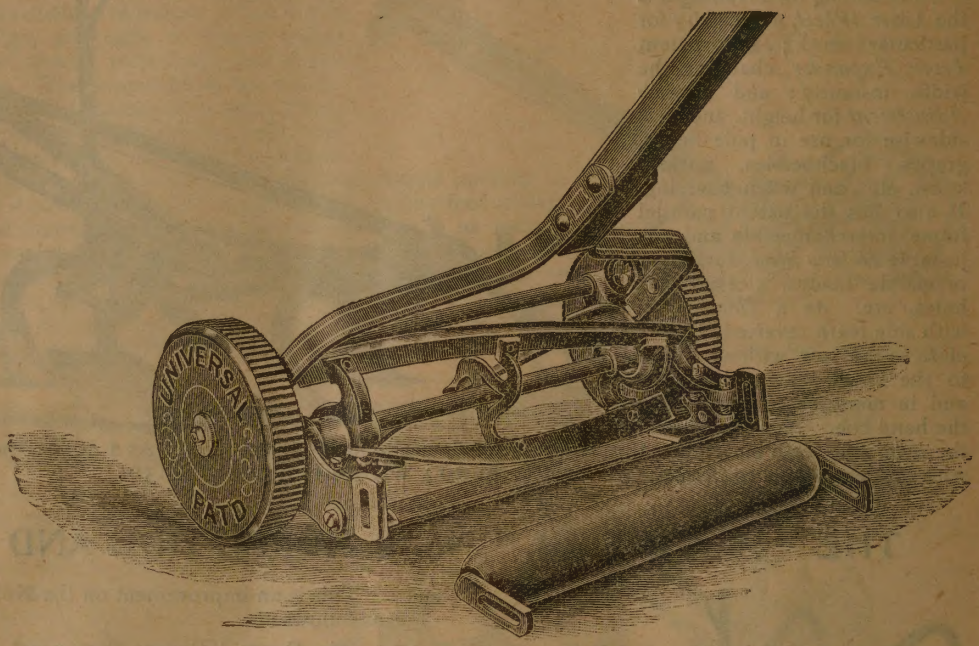
This has all the good qualities of the famous "New Model," and in addition, besides other improvements, will cut higher grass than the ordinary Mower. **16 inch cut, $10.00.**

THE UNIVERSAL LOW WHEEL MOWER.

This Mower has been constructed to meet the demand for a cheap, simple and light running Mower that any boy or girl can operate, and do first-class work. In its construction we have embraced many desirable features not possessed by other Mowers, adding greatly to its simplicity and durability.

The revolving cutter has three steel knives, steel shaft and malleable iron flanges. The journals have a new and simple device for taking up the wear. The knives are of the best quality of steel, and smaller parts are made of malleable iron. The adjustments are extremely simple, and the ratchet is the most durable produced. The wood roller is noiseless, and our double edged bottom knife will outwear ordinary Mower knives.

Size, 16 inch. $3.50 each.



Showing Double-edged Bottom Knife and Noiseless Wood Roller.

THE UNIVERSAL HIGH WHEEL MOWER.

This Mower, for cutting either tall or short grass, is intended to meet the requirements for a cheap, strong, substantial and light running machine, for use in public and private parks, cemeteries and extensive lawns.

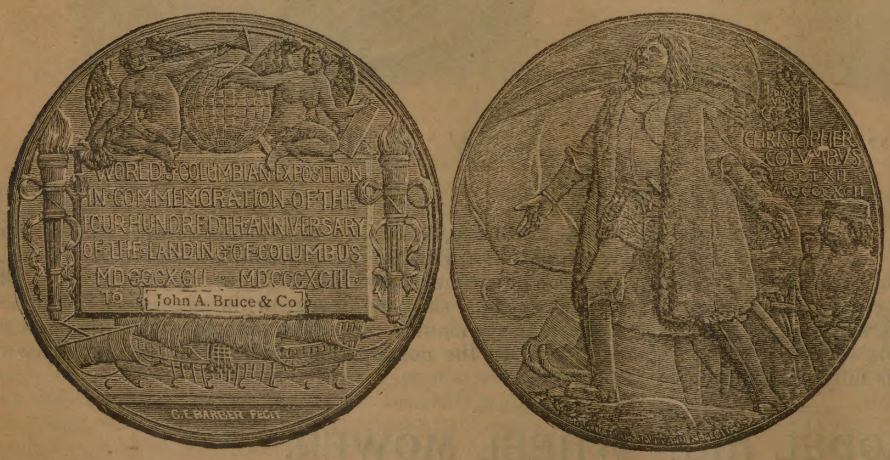
It is the result of years of experience in the manufacture of Lawn Mowers, and a trial will demonstrate it to be the simplest and lightest running High Wheel Mower ever offered to the public and the quality of the work it performs is beyond criticism. The driving wheels are 9 inches in diameter. The revolving cutter consists of a steel shaft, malleable iron flanges, and the knives are of extra heavy steel of the best quality. The adjustments and ratchets while simple are also positive and *cannot* get out of order. We use on this Mower our double-edged bottom knife and noiseless wood roller, the merits of which must be seen to be appreciated.

SIZE 16 INCH, $5.00 EACH.

PHILADELPHIA LAWN MOWERS.

We mention a few good points of these well-known and largely manufactured Mowers. The cylinder blades and bottom knives are made of best high grade steel, tempered in oil. The castings are made from strong, close iron, selected for its strength; a test being made of the tensile strength and its shrinkage, in this way obtaining durable castings. All bolts, set screws, etc. (except handle bolts), are made of best quality steel and have rolled threads of standard sizes. The handles are made of first quality, straight grained, Ash lumber, cut in strips, and seasoned 1 year in advance; rollers are of maple, given the same treatment, and the steel pins are screwed in. They are adapted to every variety of service, and built accurately to standard gauges and templates. All parts of the different Mowers are interchangeable. They are painted with two coats of first quality paint, striped artistically, and finished with coach varnish, making the colors bright and permanent.

World's Fair Medal, 1893.



We were awarded the World's Fair Medal and Diploma at the Columbian Exposition, held in Chicago, 1893, for the superior quality of our exhibit of Oats, Peas, Rye, Millet and Timothy Seeds.

Style T. Four blade, open wiper, 7 inch driving wheel.

Style C. Four blade, open cylinder, 8½ inch driving wheel.

Style K. Four blade, open wiper, 10 inch driving wheel.

Price, 14 inch, $9.00 each.

Gold Coin. Three blade, open wiper, 7 inch driving wheel.

Price, 14 inch, $4.50 each.

Grass Catchers (for fixing to Mowers). **$1.00 each.**

MYERS' DOUBLE-ACTING BARREL SPRAY PUMP.

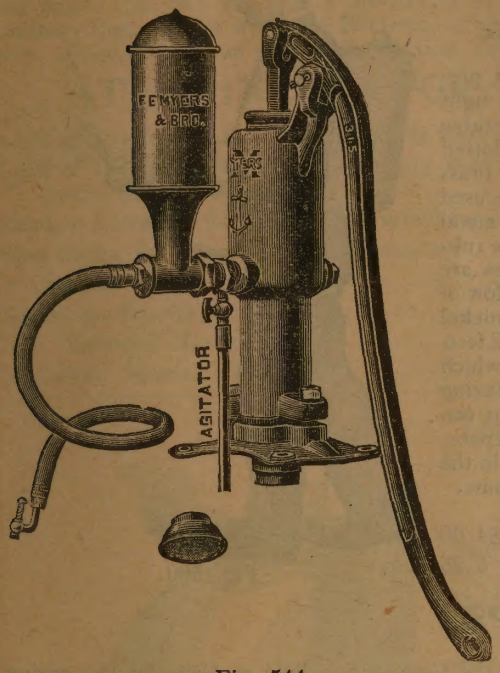


Fig. 544.

It has our patent submerged cylinder, is double-acting, has patent expansion rubber bucket, large air chamber to cushion the spray, is provided with **two discharge ports,** one on each side, of which one or both can be used for spraying. The base is properly shaped to fasten on the side or head of barrel, has steel pins, long handle, and is fitted with **brass upper and brass-lined lower cylinders,** with **ground brass check valve** and **brass seat.** No rubber or leather packing. It is very powerful and easy to operate; will throw an even mist-like spray over any fruit tree, and will throw a solid stream sixty feet from the point of the nozzle. **All barrel pumps fitted with agitator.** Pump with five feet of ½-inch 3-ply hose, graduated Vermorel or Bordeaux spray nozzle, 3 feet of suction pipe, strainer and agitator, *not including barrel,* all working parts of brass $7 50

Fig. 544—Same as above, but fitted with extra air chamber..... 9 00

Extra Lead of ½-inch 3 ply hose, five feet long, with Vermorel or Bordeaux spray nozzle, for running two streams from pump..... 1 50

Eight-foot Extension pipe for above pumps..... 50

MYERS' PERFECT DOUBLE-ACTING BARREL SPRAY PUMP.

This is an improvement on the above; being specially made for large orchards, it has a very large air chamber but is constructed on the same principles as the above pump. Price, pump with 3 feet of 1-inch suction pipe, strainer, 5 feet of ½-inch 3-ply hose, graduated Vermorel or Bordeaux nozzle, and either jet, or dasher agitator, $10.00.

MYERS' BUCKET SPRAY PUMP.

This Spray Pump is constructed entirely of brass, a material that is not affected by the poisonous arsenites used in different formulas for spraying fruit trees, vines and shrubbery. It is so arranged that the labor of pumping is all on the downward stroke of the piston and nothing on the up; and the fact that it is not necessary to steady the pump with a foot rest, makes it very easy to operate, and gives it extraordinary power. It is provided with a large air chamber, and has a ball valve at the bottom, between the cylinder and the air chamber, whereby the pressure is held uniformly in the air chamber and on the hose so that the nozzle throws a continuous spray, and is not affected by the movement of the plunger. It will throw a solid stream fifty feet, and is of unusual value for washing windows, buggies, and extinguishing fires, sprinkling lawns, flowers, etc. For spraying it is arranged so as to discharge a fine jet in the bottom of the bucket and keep the solution thoroughly mixed and agitated, a feature peculiar to this pump only and a very necessary feature to a spray pump.

Fig. 492—Pump with Agitator, complete with hose and Myers' combination, fine, coarse spray and solid stream nozzles, all of brass, $4.00.

Eight foot extension pipe for same, 50c. Vermorel or Bordeaux Nozzles, 50c.

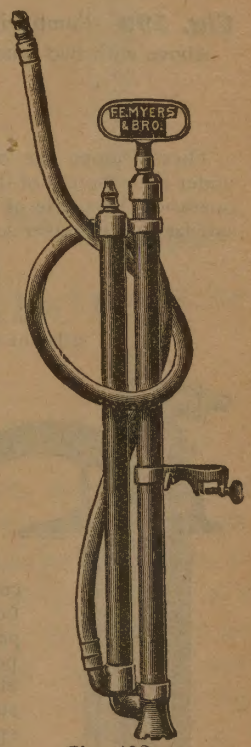


Fig. 492

Fig. 547.

MYERS' PERFECT LEVER BUCKET SPRAY PUMP.

This is an improvement on the above Pump, being constructed on the same principles but differing by having an extra large air chamber and a lever handle which add greatly to the ease in pumping, also a wide base which enables it to stand alone. Price, complete with agitator, hose and nozzles, $5.00

MYERS' KNAPSACK SPRAY PUMP.

The tank holds five gallons, is fitted with lid and strainer which can be removed. The pump is our regular Brass Bucket Spray Pump (described on page 69), with large air chamber, ball valves, solid plunger and agitator. This is the only Knapsack outfit on the market with an agitator. It is so arranged that no water can drip on the operator. The pump can be removed easily. The pump is also fitted with a handle, so that the operator can set the knapsack on the ground and work pump with handle. Can be carried by hooking snap in staple on the opposite side provided for that purpose, making a neat handle, as shown by the dotted lines. The handle lever can be shifted from right to left shoulder at will.

Fig. 547—Pump fitted with 5 feet ½-inch hose, pipe extension and Bordeaux or graduated Vermorel Spray Nozzle which can be graduated from a fine mist spray to a solid stream, or shut off entirely. Galvanized Tank, $7.00.

Same pump as above, only that Tank is made entirely of copper and thus resists the action of strong compounds, $11.00.

MYERS' FOUNTAIN KNAPSACK SPRAY PUMP.

Holds 5 Gallons. Weight 52 lbs. when full. All working parts are brass.

It is constructed of first quality Galvanized Iron, with round corners, built precisely the same as our regular Myers' Knapsack, with removable strainer and tight lid which prevents liquid from splashing on operator. It is fitted with adjustable straps so as to be carried on the back, or can be carried by bail as shown by dotted lines. It is tapped at both right and left hand lower corners and fitted with brass female ends to which hose is attached, either one or two strings of which may be used at one time. When one hose only is used, the other opening is closed with a metal plug furnished for that purpose. The hose and bulb are made of the best white rubber and protected at each end by coiled wire to prevent breaking. The valves are made of brass and will not corrode, have large openings which permit the free flow of water and shut off instantly when under pressure The nozzle is made of brass, nickel plated, has 50 small openings and throws a spray 6 feet wide at a distance of 12 feet. The pump is operated by grasping the bulb in the hand and compressing it, which causes a spray to be thrown at any distance from 3 to 15 feet as desired; on relaxing the pressure on the bulb it expands, refilling instantly, when the same operation can be repeated; to shut off flow of water entirely, use valve on hose for that purpose. The operator can cover one or two rows of plants or vines as desired, and do the work at a rapid walk, thus covering a large amount of territory in a very short time.

Fig. 599.

Fig. 599—Pump with one tube, rubber bulb and rose..... $4 00
Above with two tubes, rubber bulbs and roses, worked by both hands..... 5 25

SPRAMOTOR PUMPS.

These Pumps are of Canadian make and were awarded the first place in the Competition held at Grimsby, last spring, under the auspices of the Board of Control of the Fruit Experimental Stations. They scored the highest points for ease of operation, evenness of distribution, general style, durability, power, agitator and accessories or attachments. Gave splendid satisfaction wherever sold last season.

No. 2 SPRAMOTOR.

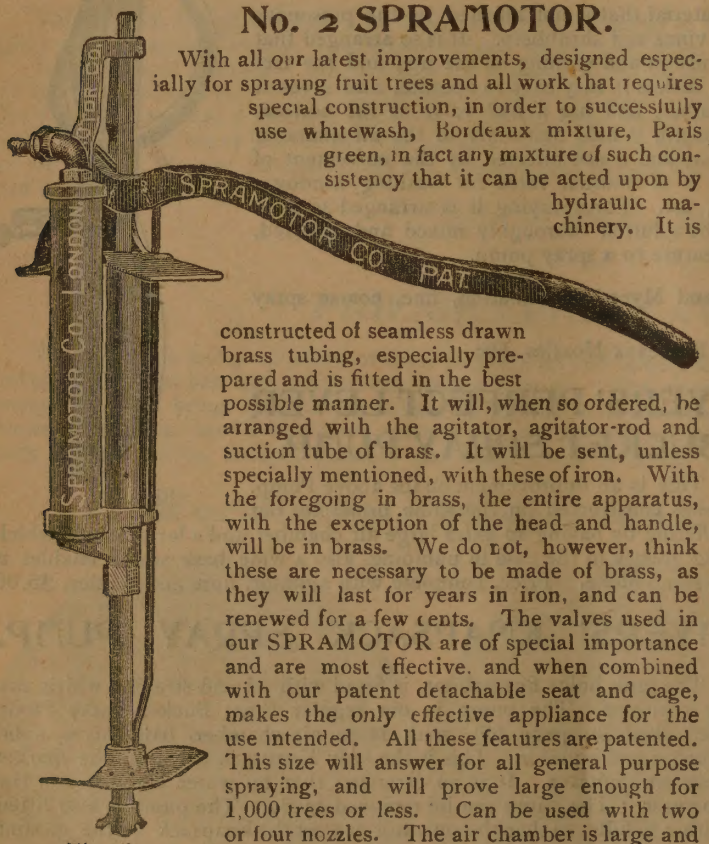


Fig. 2

With all our latest improvements, designed especially for spraying fruit trees and all work that requires special construction, in order to successfully use whitewash, Bordeaux mixture, Paris green, in fact any mixture of such consistency that it can be acted upon by hydraulic machinery. It is constructed of seamless drawn brass tubing, especially prepared and is fitted in the best possible manner. It will, when so ordered, be arranged with the agitator, agitator-rod and suction tube of brass. It will be sent, unless specially mentioned, with these of iron. With the foregoing in brass, the entire apparatus, with the exception of the head and handle, will be in brass. We do not, however, think these are necessary to be made of brass, as they will last for years in iron, and can be renewed for a few cents. The valves used in our SPRAMOTOR are of special importance and are most effective, and when combined with our patent detachable seat and cage, makes the only effective appliance for the use intended. All these features are patented. This size will answer for all general purpose spraying, and will prove large enough for 1,000 trees or less. Can be used with two or four nozzles. The air chamber is large and will be found perfectly satisfactory should four nozzles be used. Both inner and outer tubes are brass, and the top casting is arranged for one or two lines of hose. The whole construction of this SPRAMOTOR is strictly highest class and is warranted in every particular.

Price, $12.00; or with Brass Suction Tube, Rod and Agitator, $15.00.

"OUR BABY."

This cut illustrates "Our Baby." It is just what you see, and although it is not equal to the adult, yet it will wash your windows, clean your buggies, whitewash your buildings or chicken coops, do the spraying for small fruits and some large trees. It is a thoroughly good and useful article, and so far as its capacity extends, will give as good results as a more expensive outfit. The price is low. It is fitted with SPRAMOTOR or Vermorel nozzles and three feet of half-inch hose, hydraulic agitator. **Price, complete, $5.00.**

AUTOMATIC SPRAY PUMP.

A good and useful little article for the price. It will pump from pail or will carry the material to be used, and will throw a stream 25 feet. When used in pail or barrel, the stop cock on top of air chamber must be closed. To fill the air chamber or reservoir with liquid for field, open stop cock until pumped full then close stop cock. **$2.00 each.**

We have Special Catalogues giving full descriptions and directions in regard to Lawn Mowers, Spray Pumps (including Spraying Calendar and Mixtures), Drills, Hoes, Cultivators, etc. Will mail these on application.

SPRAMOTOR No. 1.

It is made entirely of brass, or with the head, handle and agitator of iron, in the same manner as our larger size, No. 2. It is a thoroughly up-to-date apparatus. Is plenty large enough for the ordinary fruit growers who have 100 trees, or less, and will do with one nozzle as well as our larger size. Price, $9.00; or with Brass Suction Tube, Rod and Agitator, $11.00.

ATTACHMENTS FOR No. 1 AND No. 2 PUMPS.

Lead of 12½ feet of half inch, three-ply hose (couplings attached), and Spramotor nozzle.....$2 00
Lead of 12½ feet of half inch, three-ply hose (couplings attached), and Spramotor nozzle and lance..... $2 75
Bamboo Extension Rod, 10 feet (for attaching to hose)..... 2 50
Stop Cocks, for preventing waste of mixture..... 75
Y Connections..... 60
Spramotor Nozzles..... 75
Imp. Vermorel Nozzle..... 1 00
McGowan Nozzle..... 1 50

The Little Giant Geared Hand Broadcast Seed Sower.

The most convenient, substantial and latest improved crank Seed Sower in the market. Has a pressed distributing wheel, hand hold on side, and no feed plate to carry. Satisfaction guaranteed.

The Little Giant Hand Broadcast Seed Sowers will distribute Flax and Clover Seed 36 feet to the round; Wheat 50 feet to the round; Timothy Seed 27 feet to the round; Oats 36 feet to the round.

PRICE, - - $2.25.

Mr. S. D. Doner, Stayner, says: "It is the finest little rig for sowing seeds that I ever saw."

We have a great many similar testimonials.

AMPELOPSIS, VEITCHI (Japanese Ivy).

This handsome and rapid-growing climber, generally known as Boston Ivy, is adapted for covering brick or stone houses or walls. Its foliage, which is a lively green in summer, changes in autumn to brilliant crimson, producing a most gorgeous effect. It will, in a short time, entirely cover the side of a large building, and far surpasses the Ivy. Strong Plants 25 cents each; $2.50 per doz.

PATENT SIEVES.

They are easily managed and not liable to get out of repair; can be adjusted to a large number of different sized meshes. They are worth ten times their cost to every farmer.

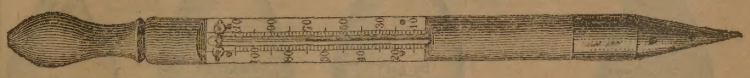
No. 1 Sieve will separate Plantain, Daisy, Buckhorn, Wild Carrot, etc., from Clover Seed; Red Top and Plantain from Timothy, and Timothy from Clover Seed. Price, each..... $1 75

No. 2 will separate Rye, Cheat and Cockle from Wheat. Price, each..... $1 75

CRUSHED OYSTER SHELLS.

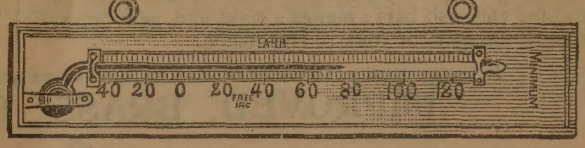
For poultry; a splendid article.
In 5 lb. cardboard boxes..... $0 15
Per Bag of 100 lbs..... 1 50

THERMOMETERS.

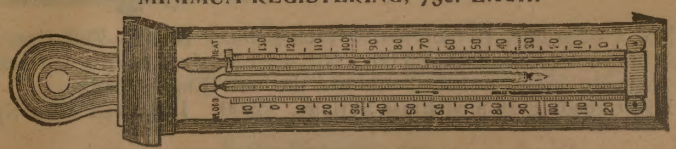


HOT BED, $1.50 EACH.

PLAIN, 25 to 50c. NICKEL CASES, $1.00 EACH.



MINIMUM REGISTERING, 75c. EACH.



MAXIMUM AND MINIMUM REG., $2.00 EACH.

GARDEN REQUISITES AND FLORISTS' SUPPLIES.

	Each.	
Aphicides		$0 50
Asparagus Bunchers		1 50
Atomizers and Sprinklers		50
Bouquet Papers, 4 to 5 inch	$0 45 to	65
Button Hole Tubes		5
Bellows, for dusting plants, shrubs, etc.		1 50
Baskets, Berry, per 1,000		3 75
" Plant, "		7 00
" Wire Hanging	25 to	1 00
Bass Mats, Archangel		60
Chenille, per 12 yards		50
Cape Flowers, per bunch, wired		20
Flower Pots and Saucers, 3 to 12 inch	3 to	45
" " fancy, 5 to 8 in.	15 to	50
" Japanese ware, 7 to 12 inch.	1 00 to	3 00
" Hanging	25 to	50
Florists' Companions		75
Forks, Potato and Manure	1 00 to	1 50
Grafting Wax, French, per tin	20 to	50
Glaziers' Points, Van Reypers, per 1,000.		75
Grass, China, for tying, per lb.		30
" Raffea, " "		25
Hooks, Brier and Bill	1 00 to	1 50
Hoes, Garden	50 to	75
" Dutch or Scuffle	35 to	50
Irons, Edging	1 00 to	1 25
Immortelles, Purple or White, per bunch	40 to	50
Jardinieres	75 to	1 75
Knives, Pruning and Budding	75 to	1 25
Labels, Plain, 4½ inch, per 100		15
Labels, Painted, 4½-inch, per 100		20

	Each.	
Lines, Garden	$0 25 to	$0 50
Lawn Vases	75 to	3 50
Moss, Dried, Green, Yellow or Red, per bunch		15
Pot Covers, Fancy Paper	10 to	25
" Lattice		10
Pots, Watering	50 to	1 50
Pencils, Weatherproof		10
Ploughs	2 50 to	10 00
Rakes, Best Cast Steel	50 to	1 00
" English Lawn	1 00 to	2 00
Reels, for Garden		75
Rustic Chairs		1 00
" Vases, per pair		1 25
" Sofas		1 50
Rollers, Garden	10 00 to	15 00
Saws, Pruning	1 00 to	1 50
Scythes, Patent English, Best, 36 to 42 inch	1 25 to	1 50
Scythe Stones	10 to	20
Shovels	50 to	1 00
Spades, English, Parke's		1 50
Spuds for Thistles, etc.	30 to	50
Scissors, Flower Gatherers		50
" Grape Thinners		75
" " Pruners		1 00
Shears, Hedge	75 to	1 50
" Grass, Edging	50 to	1 50
" Pruning		1 50
Trowels, English	25 to	50
Wreaths, Metal or Dried Flower		1 50

FLORAL DESIGNS.

	Each.	
Anchors, 9 to 30 in	$0 15 to	$0 70
Anchor and Cross, 12 to 24 in	18 to	35
Broken Column, 12 to 24 in	35 to	75
Broken Links, 12 to 16 in	25 to	50
Crosses, 8 to 26 in	4 to	18
Crowns, 7 to 14 in	30 to	75
Faith, Hope, Charity, 15 to 24	35 to	75
Gates Ajar, 12 to 24 in.	1 25 to	1 75
Harps, 12 to 24 in	30 to	90
Hearts, 8 to 20 in	12 to	35
Horseshoes, 6 to 16 in	12 to	35

	Each.	
Maltese Cross, 8 to 20 in	$0 14 to	$0 40
Oddfellow's Links, 18 to 24 in	50 to	75
Pillows, Single 8 to 20 in	18 to	40
" Double, 8 to 24 in	39 to	1 00
Pyramids, 12 to 24 in	30 to	70
Shields 12 to 24 in	25 to	70
Sickles, 12 to 20 in	22 to	35
Stars, 7 to 24 in	12 to	45
Square, Compass and G., 16 to 24 in	50 to	85
Triangles 12 to 21 in	25 to	50
Wreaths, 6 to 24 in	4 to	25

OTHER DESIGNS SUPPLIED.

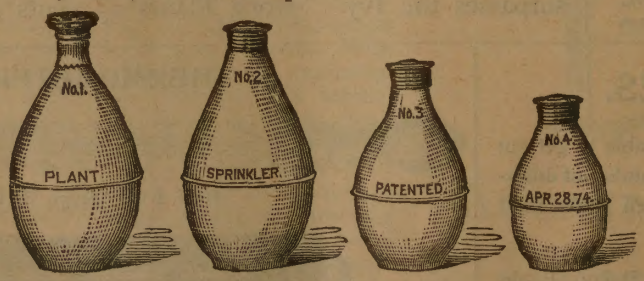
COCOANUT FIBRE. Unequalled for seed beds, mulching, etc. Per bag, $1.00.

TINFOIL (Subject to change). 5 inch wide, per lb, 20c.; 10 lb. lots, 15c. per lb.

WIRE, ANNEALED. No. 24, 10c. per lb.; No. 26, 12c. per lb.; No. 28, 15c. per lb; No. 30, 18c per lb.; No. 36, 25c. per lb.

Insect Powder Bulb for spraying powder on plants, etc. A very handy article; $1.10.

Rubber Putty Bulb.



No. 1, $1.10. No. 2, 90c. No. 3, 75c. No. 4, 60c.

No. 1 Angle, $1.10. No. 2, $1.00.

RUBBER PUTTY BULB. PRICE, $1.10.

Excellent for glazing. A pressure with the hand ejects the putty along the sash bars; makes a tight and neat joint. Does not daub the glass or stick to the hands.

SCOLLAY'S RUBBER PLANT SPRINKLERS.

Indispensable for Floral Work and Window Gardening, and very useful for dampening clothes or sprinkling in any way.

If Putty Bulbs, Powder Bulbs, or Sprinklers are wanted by Mail, add 10c. postage on each.

IMPROVED BRASS GARDEN SYRINGES.

No. 1—Syringe, 16 inch barrel, each $2.50. No. 2—Full size, 18 inch barrel, each $2.75. No. 3—Full size, 18 inch barrel, improved rose, each, $3.00. No. 4—Full size, Reed's 18 inch barrel, ball valve, each, $3.50. These Syringes have improved side screws attached and are the best English make.

Best Canadian 18 inch Brass Syringe, $2.00. Improved Zinc Syringe, for Fruit Trees, 50c. each.

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